THE CHEMIST AND DRUGGIST

TELEPHONE NUMBER: 3617 CENTRAL (3 lines).
Established in ENGLAND, 1859

Registered as a Newspaper.
Published Weekly at 42 CANNON STREET, LONDON, E.C. 4.

TELEGRAPHIC ADDRESS: "CHEMICUS, CANNON, LONDON." [Charged as two words only.]
Established in AUSTRALASIA, 1885

No. 2,011. Vol. XC. AUGUST 10, 1918.

Subscription Rate, 12s. 6d. per annum. Single Copies, 6d. each. Winter and Summer Issues, 1s. each. Post Free.

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TRADE MARK A.D. 1718.

Bacteriological Peptone.

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"Eupepton" Bacteriological Peptone is specially manufactured for use as a nutritive medium, and is employed in most of the large laboratories.

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May, Roberts' Traveller.

No. 4023 CITY. AUGUST 10, 1918. LONDON & DUBLIN.

THE ORIGINAL

TRENCH POWDER

The gathering together of large numbers of human beings under conditions which render much attention to personal cleanliness absolutely impossible, must inevitably give rise to body parasites.

Ordinary insect powders are useless in attempting to deal with these, but **May, Roberts' "Trench Powder"** is not only a preventive of the pest, but will also rid the body of their presence.

When sprinkled in the clothing or bedding material, a gas is evolved by the bodily heat which is fatal to all forms of insect life.

In addition to this ingredient, May, Roberts' "Trench Powder" includes constituents which are in themselves obnoxious to lice, and will prevent them establishing themselves.

PRICE—in Sprinkler-top Packages, label in two colours:

2/3 per dozen; **2/-** per dozen in 12 dozen lots

LESS 5% DISCOUNT.

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& 16 WESTMORELAND STREET, DUBLIN.

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IS A PURE FRUIT ESSENCE MADE ENTIRELY FROM LEMONS.

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THE ENORMOUS DEMAND FOR THIS PERFECT ESSENCE IS A PROOF OF ITS SUPERLATIVE QUALITY, AND NOTHING APPROACHING IT IN FLAVOUR OR AROMA CAN BE MADE FROM TERPENELESS OILS BY ANY PROCESS.

THE SALE OF LEMONADE DEPENDS ENTIRELY ON THE FLAVOURING USED.

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SOUTHWARK STREET, LONDON, S.E.

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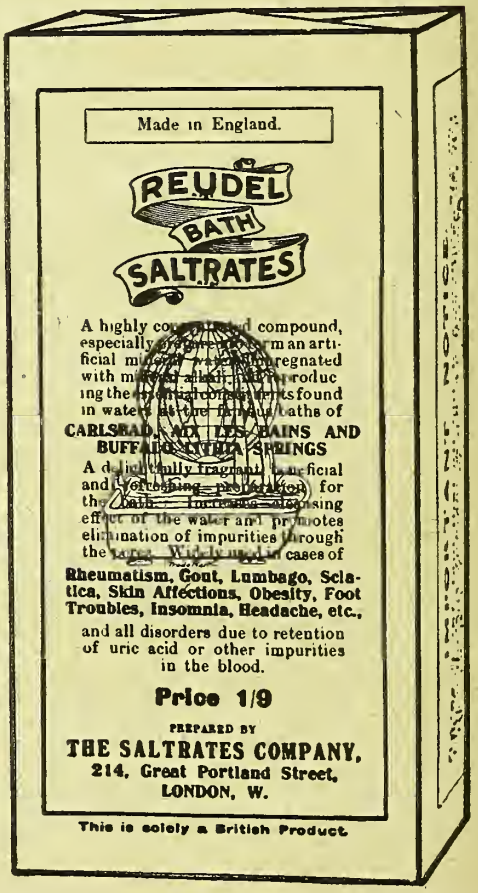
The most efficient saline on the market and best value for the money. Pleasant tasting and always pleases the user.

A widely advertised line which you can recommend with absolute confidence.

Sells at **2/9** a bottle (P.A.T.A.)

You can stock these goods on **Guaranteed Sale Terms.** Carriage paid in United Kingdom on orders for 3 dozen, which may be assorted.



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Sells at **1/9** and **2/9** (P.A.T.A.)

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The attention of the trade is specially drawn to the following revised prices:—

	M.R.P.	List Price per doz.	M.W.P. doz.
EUTHYMOL TOOTH PASTE	1/3	13/6	10/2
,, ,, Powder (large size)	1/3	13/6	10/2
,, ,, ,, (small size)	9d.	8/-	6/-
,, Cold Cream	1/-	10/9	8/1
,, Cream with Lanolin (large size)	1/-	10/9	8/1
,, ,, ,, (small size)	7½d.	7/-	5/3
,, Shaving Stick	1/-	10/9	8/1
,, ,, Cream	1/3	13/6	10/2
,, Talcum Powder	1/6	15/6	11/8
,, Tablets (small, in vest-pocket vials)	9d.	8/-	6/-
,, Liquid Dentrifrice (large size)	3/-	34/-	25/6
,, ,, ,, (small size)	1/9	20/-	15/-

MADE IN ENGLAND

Awarded Grand Prix - - Festival of Empire - - London 1911

T. J. 50.

4th August, 1918.

TO OUR FRIENDS IN THE EMPIRE BEYOND THE SEAS.

Four years ago to-day Britain declared war in the cause of liberty and freedom; the time has passed quickly, and we trust that ere another anniversary comes round, peace may be within sight.

The past few weeks have been memorable by the Imperial Conference held in the historic halls of Westminster, at which were represented the Premiers from the Over-Seas Dominions. When we consider the magnificent efforts these great countries have made, and see so many of the stalwart youths they have sent here, we feel how well the right has been earned to assist in deliberations which so vitally concern their future. As that great statesman, Mr. Hughes, pointed out, the Dominions, excluding India, have placed in the field over one million men, and the total recruitments in the United Kingdom exceed five millions, of whom about four millions have been drawn from industrial occupations. It was stated by our own forceful Prime Minister, in a recent inspiring speech, that prior to the war our standing army was about equal to that of a third-rate State, such as Bulgaria! And when we reflect on the marvellous work done by the Government in creating such an Army, the ceaseless watch of our great Navy, the masterly way in which the rationing of the country has been carried out, and the gratifying improvement in dealing with the submarine and aircraft attacks, surely no small achievements these, we can only feel profound gratitude, and have little patience with carping criticism on the part of the Press or of individuals. This to us appears about as reasonable as the action of the rustic who, perceiving an inoffensive toad, remarked, "I'll larn thee to be a twoad," and promptly crushed the life out of the unoffending creature. We prefer the lofty ideals of Chamberlain or Cecil Rhodes with their dreams of Empire.

To our hundreds of correspondents, not only ranging "from China to Peru," but from the most southerly part of South America to the farthest East, we tender our thanks and appreciation of their recognition of our efforts in their interests, often under very difficult conditions. The war has at any rate made us more considerate towards one another, and we do not remember having received a single recent complaint, though the patience of our friends must often have been sorely tried.

Carbolic Acid, pale liquid, 97/98%, has been in good demand and is about 3*d.* a gallon up; licences have been granted pretty freely, and we have made some considerable shipments; it has, however, been more difficult to get permits for the Crude Dark Liquid, as this contains some Creosote. The Crystal Acid on being freely released by the Government had a set-back, but soon recovered consequent on large demand.

Chemical Syrups and preparations containing Sugar.—Practically every application for shipment is refused, and the great advantages shown by the use of our Concentrated Liquors (these, of course, contain no Sugar) are manifest.

Bromides, Ammonium & Sodium are well maintained, but good arrivals of Potassium from America have caused some decline in the latter.

Chaulmugra Oil (used for leprosy) has been much inquired for and the market is bare of stock. We are about the oldest importers of this, and have had three orders placed since last year, but it seems impossible to secure freight.

Quinine.—The Government requirements being large, little has been released for the Drug Trade, and this combined with the rather difficult position of Holland has resulted in a rise of several pence per ounce.

Synthetic Ottos.—We have frequently called attention to these beautiful products, so will only state that Rose (stronger actually than genuine Otto) is advanced to 21/- per oz.; after all, this compares with 120/-.

Lanoline.—We have had all licences refused for quantities amounting to some tons.

Copaiba.—The price keeps up owing to the difficulty of getting supplies over. Licences, too, have been granted more sparingly for this.

"One-Drop" Perfumes.—These have been shipped to every quarter of the world, and the demand exceeds the supply of special glass rod stoppered bottles obtainable, hitherto imported from Japan. The price, with possibility of a further advance, is now 12/- per dozen.

The price of Spirit has had a further slight advance, but we are glad to state that the ordinary rectified spirit is now permitted in limited quantities by the Government in the manufacture of Essences and Perfumes. The position had become an impossible one, and prices for these have now been reduced.

H. E. STEVENSON & CO.,
122 GREAT SUFFOLK ST., LONDON, S.E. 1.
Telephone: 1831 HOP. Telegrams: "EKLIPS LONDON."

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A GERMAN MONOPOLY.

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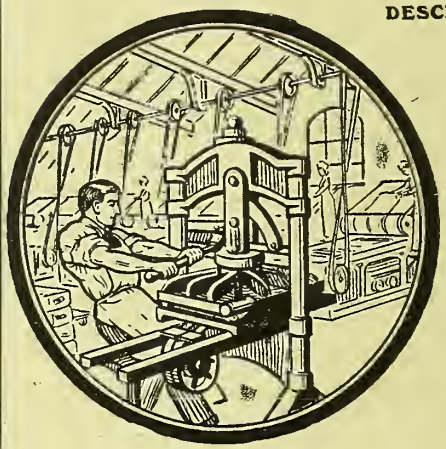

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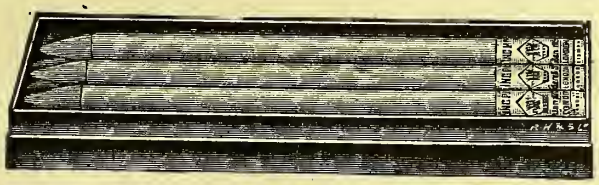
"Not being fortunate enough to receive a sample of your excellent Grease Paints, I purchased same for myself, and after a lengthy trial I have no hesitation in saying that, from my point of view, it is immeasurably superior to any foreign make."



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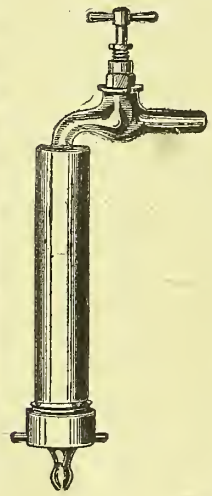

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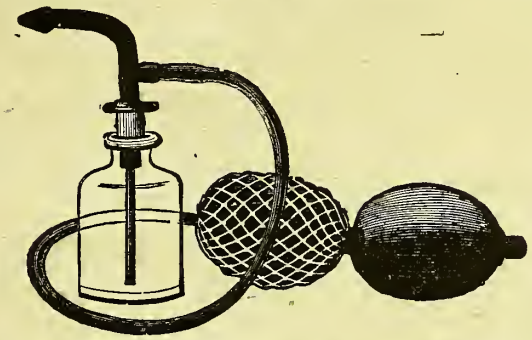
Throat or Perfume Spray.



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Inquiries are solicited for this article of **BRITISH MANUFACTURE,** and buyers may rely that for quality and price it will meet any competition

Other Grades

Petroleum Jellies, White Bases, &c.

Samples and prices on application.

"OLEUM DEELINÆ," a certain cure for Eczema.

Phone: 186 Bootle. Wires: "Cestrian Liverpool."

LABORATORY
OF GENERAL PHARMACOLOGY,
8, Rue Vivienne, Paris.

LONDON AGENTS:
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CHAPOTEAUT'S
CAPSULES of
PHOSPHOGLYCERATE
of LIME.

THE BEST TONIC FOR
FORTIFYING AND BUILDING UP
THE NERVOUS SYSTEM.

Sold by all Chemists.
Wholesale: 8, Rue Vivienne,
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MORRHUOL CHAPOTEAUT

CAPSULES

MORRHUOL DE CHAPOTEAUT is extracted from cod-liver oil, and contains all its efficacious properties without the disagreeable taste.

It cures Coughs, Bronchitis and Catarrh, restores the appetite, and gives force to feeble persons.

SOLD BY ALL DRUGGISTS.

CHANDRON'S
DROPS
(Gouttes des Colonies)

A harmless antiseptic
preventative against CHOLERA-
FERMENTATION - INDIGESTION
& other intestinal disturbances.
SOLD BY ALL CHEMISTS

LONDON AGENTS
HEPPELL & CO., 164, Piccadilly, W.

THERE IS AN EVER-INCREASING DEMAND FOR THE

EVAN WILLIAMS' ORIGINAL

HENNA SHAMPOO

It appeals especially to Woman, the greatest spending factor of this country. Ladies repeatedly write us asking for names of local agents, and it will pay you to stock this quick-selling proposition. Our Special Campaign of Publicity is now in full swing—this includes Press, Postal and Window Advertising, and aims to attract ladies to your establishment. Write for full particulars to-day.

Our supplies having been RATIONED, we are compelled to make the acceptance of orders subject to the condition that, should we be unable to execute an order in its entirety, customers will accept a proportionate distribution of available stocks.

THE EVAN WILLIAMS CO. Ltd. 18 & 18a Ogle Street, Foley St., London, W. 1.

(3)

PERRO

ALL - BRITISH NAILSTONE

is hardly ever absent from the orders our travellers take from Chemist friends throughout the country, neither does the business direct show any sign of decreasing; indeed, it is much on the other side. The trouble is to get the demand satisfied expeditiously. This shows how much the Perro nailshine is appreciated, and incidentally the ease with which it is sold.

Just a one-dozen box on your counter, and the same in your window, and sales begin.

OUR OFFER is to send you along some Perro so n as possible—in neat one-dozen show counters, to the extent of

3 DOZ. PERRO

This will give no less than a P.A.T A. profit of 66⅔ %. Also

HALF - DOZEN FREE

That makes the profit still more munificent.

CHRISTY'S
Old Swan Lane
LONDON - E.C. 4

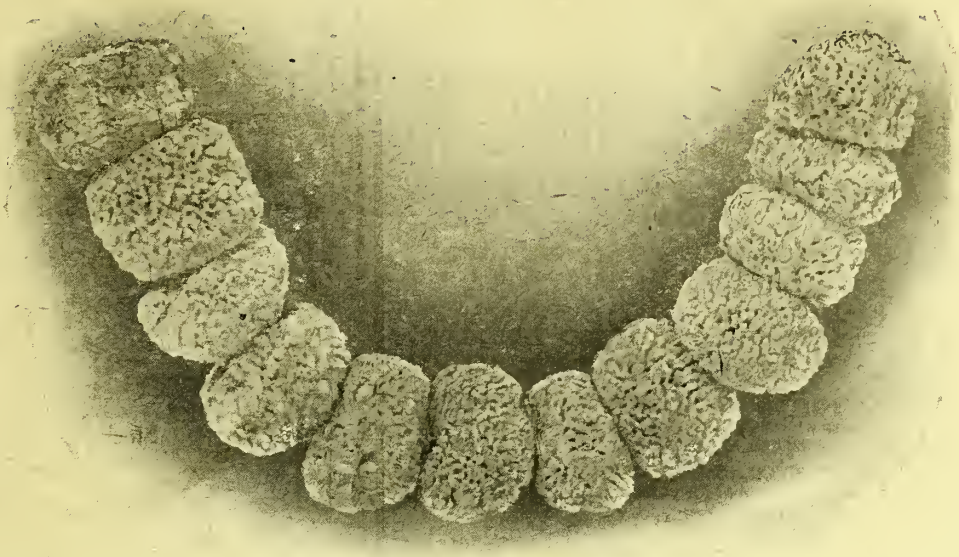
Then there's the big P.A.T.A. profit, amounting to *never* less than 66⅔ %.

PERRO COSTS **4/6** PER DOZ.

PERRO SELLS **7½d.** P.A.T.A. EACH

1868 to 1918

"Put thyself into the trick of singularity."
—*Shakspere*



Ayrton's Sponges

We have some Tooth Brushes!

We have a large stock and a wide range of Sponges, from the cheap Cuban to the large Honeycomb, or the fine Turkey. You can thus order your Sponges with your Drugs, Sundries and Packed Goods, get excellent value, and minimise the labour at your end.

CUBAN SPONGES - - -				3/- per dozen			33/- per gross	
FLORIDA ,, on Strings of 1 dozen (as illustration)								
				6/6,	10/6,	18/-,	27/- per dozen	
	Nos.	1	2	3	4	5	6	
HONEYCOMB SPONGES	-	2/9	4/6	6/6	8/6	10/6	16/- per dozen	
	Nos.	7	8	9	10	11	12	
		20/-	24/-	30/-	36/-	42/-	52/-	,,
	Nos.		12a	14	15	16	17	
			60/-	72/-	84/-	126/-	162/-	,,
		Nos.		18	19	20	21	
TURKEY SPONGES -	-		-	8/6	18/-	30/-	42/-	,,
CARDED SPONGES -	1d.	2d.	3d.	4d.	6d.	9d.	1/-	
	9d.	1/6	2/3	3/-	4/6	6/6	9/-	,,

We can offer LOOFAHS at the following prices:

8/10 - 21/- gross
10/12 - 27/- ,,
12/14 - 30/- ,,
14/16 - 39/- ,,
16/18 - 48/- ,,
in Gross lots.

AYRTON, SAUNDERS & CO. LTD.
Wholesale Druggists **LIVERPOOL**

Harringtons
(HYGIENIC)
Infant Specialities
Approved by over 3,000 Nurses.

Harringtons Nursery Squares
In packets of 1 doz. The Ideal Absorbent Diapers for the Nursery. Easily washed.
Retail **13/9** doz. To Chemists **10/3** net.

Harringtons Hygienic Squares
In packets of 1 doz. (One size only, 30 in. square). For ladies. Retail **13/9** per packet. To Chemists, **10/3** net.

Harringtons "Half-Squares"
For use where a smaller form of Diaper is desired.
1 doz. in packet. (30×15). To Chemists **9/6** net.

Harringtons Hygienic Towels
These towels *unfold* for washing. For Ladies **10/6** doz.

Harringtons Sanitary Belt
24/- doz. net.

Widely Advertised to the Public as sold by Chemists.

ATTRACTIVE SHOWCARDS.

SOLE WHOLESALE AGENTS:

F. NEWBERY & SONS, LTD.
LONDON, E.C. 1.

NELSON'S

Stop Flow of Blood at once.

Retailed 6d. each

A Boon to Shavers. **3/6** *per doz.* *Invaluable for Insect Bites.*

Stocked by all Sundry Houses.

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Telephone: 2215 LONDON WALL.
Cable Address: "SELGOG LONDON."

Sellers

Anzora Cream and Anzora Viola are splendid sellers. They represent a steady income to the wise pharmacist who makes them his leading lines. The demand for these admirable inventions for the hair has been enormous, and we have had to increase our plant and premises. We would advise you to place your order now, and it will be dealt with in rotation with other orders. ANZORA

Masters the Hair

Anzora Cream is the only non-greasy preparation to effectually master the hair. Anzora Viola is ideal for dry scalps. Trade Terms:—11/6 per dozen, retailed at 18/-; 19/6 per dozen, retailed at 30/-. SHOWCARDS ON REQUEST.

ANZORA
HAIR CREAM

THE ANZORA PERFUMERY CO.,
28, 32, 34 WILLESDEN LANE, N.W. 6.

LOFTHOUSE & SALTMER, Ltd.
Wholesale & Export Drug Merchants,
Manufacturing Chemists
HULL.

INVITE the Trade to take up the following valuable P.A.T.A: Protected Lines, bearing a very large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

P.A.T.A.	Protected Retail Price.	Dozen Net.
*LOSALL'S SALT (well advertised), tins	9d.	6/6
* " " " " bottles in cartons	2/-	16/-

We regret that we are not able now to supply the 1/6 tins of Losall's Salt.

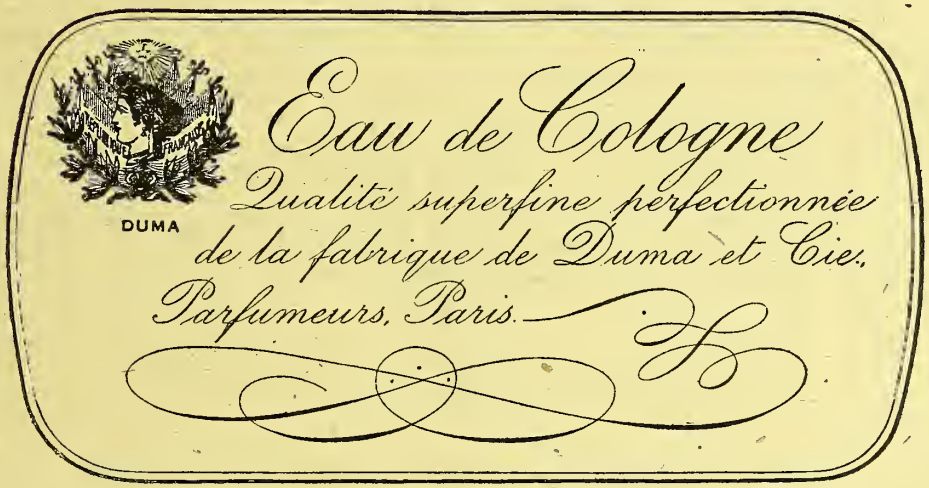
Losall's Salt sells so well, surely it must pay Pharmacists to stock such a big profit-bearing protected line.

LOSALL'S COMPOUND SULPHUR SOAP.

	Box.	Doz.
A valuable emollient medicated skin soap, especially suitable for use in Eczema. 3 Tablets in a box @ 8d.	2/-	18/-

Parfumerie
Duma
Exquise.

FRANCE. "Est-ce que c'est aussi bon marché que l'Allemagne ? Non, non, Monsieur, mais c'est d'une charme irrésistible et du bouquet qui reste toujours. C'est comme ça La Cologne Duma."



1 oz.	2 oz.	4 oz. bottles.
15/9	**27/-**	**49/6** dozen.
½ pint	1 pint	quart wickers.
67/6	**121/6**	**225/-** dozen.

2 oz. watch-shape flasks **27/-** dozen.

BONUS : £5 window display orders half a dozen flasks free.

MIDGLEYS
5 MAYES STREET, MANCHESTER
Established 1833.

DIADEM

DIADEM

Face Powder

possessed of the elusive fragrance of Diadem Cream, adheres readily to the skin. Made in Blanche, Naturelle, Rachel, and Rose tints. Packed in large artistic boxes, in the distinctive Robartes style and colouring. A sure seller.

Vanishing Cream

a cream of rare purity and charm, put up in novel white globes which have an irresistible appeal and packed in dainty boxes in Robartes' attractive style. Handsome profits for you in selling.

TRADE TERMS

Diadem Powder		Diadem Cream	
Advertised and Minimum Retail Price	2/6	Advertised and Minimum Retail Price	3/9
Trade, per doz.	20/-	Trade, per doz.	30/-

Window and Counter Materials free on request. Write for particulars.

Special Notice and Offer to the Trade.

Each jar of Diadem Cream contains the following notice:—"On returning 6 of these empty Diadem jars to any Chemist or Hairdresser in the United Kingdom, a new 3/9 size jar will be given you free in exchange."

Upon any of our trade customers therefore returning to us 6 of these empty jars carriage paid, we will immediately forward in return, post free, 2 (3/9 size) jars of Diadem Vanishing Cream.

DECOLTENE The liquid hair remover — The intelligent depilatory. Simple, safe and effective. Pleasant and harmless. Invaluable during the décolleté vogue. Daintily packed.

Dinkie The Dainty Deodorant — An attractive line that enjoys good sales. A greaseless Cream that takes the odour out of perspiration. Daintily packed in opal jars.

TRADE TERMS. DECOLTENE. Advertised and min. Retail price 3/9 Trade 30/- per doz. DINKIE. Advertised and min. Retail price 2/6 Trade 20/- per doz. Particulars and Showcards on request.

ROBARTES, LTD., 128 Jermyn St., London, S.W.1

BRITISH MADE

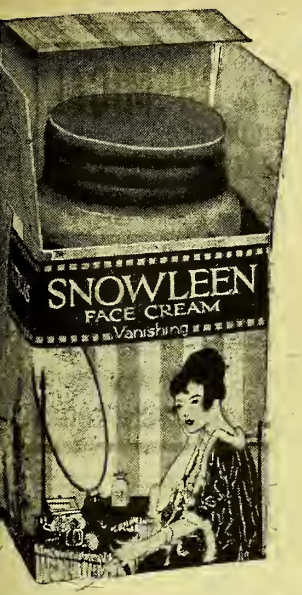
TIN FOIL

Highly polished foils—printed, lacquered, embossed or plain. Guaranteed free from lead for tobacco, cigarettes, foodstuffs, etc. In sheets or reels—large or small quantities.

Also collapsible tubes in pure tin, pure lead or lead-coated with tin for rubber solution, artists' colours, tooth pastes and other toilet preparations.

Manufactured by

Venesta Ltd.
1, Great Tower St. EC.
London England



You can push this line conscientiously as a *real* Skin Improver.

SNOWLEEN

Guaranteed to contain 50% Witch Hazel, the finest skin healer in existence.

SMART GET-UP.

Prices:

Per dozen - **7/9**
" gross - **92/-**

Bonuses:

6 doz. order receives ½ dozen free.
12 " " " 1¼ " "

Protected Face Value price 1/-.

WHITE BAND MFG. CO., Ltd.
SOUTH CROYDON.

SAXOMA SWEETENING TABLETS
Guaranteed pure and harmless by analytical experts.
In packets: 7½d. @ 5/9 doz.; 1/2 @ 11/- doz. Bulk: 2,000, 21/- per 1,000.
In boxes: 1/11 @ 18/- doz.; 2/6 @ 23/- doz. 4,000, 20/- ,,
10,000 18/- ,,
Immediate delivery. Cash with order.
SAXOMA, FIFE HOUSE, FIFE ROAD, KINGSTON-ON-THAMES.
Bankers: Parr's, Kingston Branch.

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SPECIALITIES.—Gums Arabic and Tragacanth as imported or finely powdered.

DISINFECTANTS
OF ALL KINDS
Cheapest Makers of Co-efficient Acids and Fluids
HENRY ELLISON, LTD., CLECKHEATON, YORKS

SHADEINE
FOR COLOURING GREY HAIR
This popular article is largely advertised and stocked by all Wholesale Houses.
Trial Size 8d., per post 10½d.; Medium, 1/4, per post 1/7; Large, 3/6, per post 3/10.
8d. size, 6/- doz.; 1/4 size, 12/- doz.; 3/6 size, 33/- doz.
THE SHADEINE CO., 58 WESTBOURNE GROVE, LONDON, W.

CACHETS "FINOT"
(White or Coloured),
With Inscriptions in any desired tint; also Plain or Embossed.
"Beautifully made and the inscriptions give them a distinction all their own."—*C. & D.*
"Perfection of Cachets."—*Lancet.*
These Cachets are especially adapted for Headache, Neuralgia and other powders.
COOPER, SON & CO., Ltd., 80 Gloucester Road, SOUTH KENSINGTON,
In 17 Sizes, to fit the various types of Cachet Machines.

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—LONDON AND NEW YORK— MAKERS OF
"K-Y" LUBRICATING JELLY
IN COLLAPSIBLE TUBES AND OF
Van Horn "Sterile Sutures and Ligatures
IN GLASS TUBES — PRICES ON APPLICATION
81-83 HIGH HOLBORN, W.C.

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56 Great Dover Street, S.E.
ANILINE DYE MERCHANTS,
are still selling their well-known Aniline Dyes to retail in Penny Packets.
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386 City Road, LONDON, E.C. 1. ESTABLISHED 1877

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WEST-END PHARMACY SUPPLY
(*R. Rios*)
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Cachets. All sizes, plain and embossed
Orders accepted for coloured & printed.
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(Kava-Kava & Sautal Compound).
Medicinal Capsules. Fine Chemicals.

Glycerine Syringes
(VULCANITE AND GLASS)
2 dr., 11/- per dozen; ½ oz., 15/6 per dozen.
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S.V.M. WINES FOR CHEMISTS. S.V.R.
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ROYAL COURT HAIR DYES
Notwithstanding the shortage of supplies, we are still in a position to supply all orders and guarantee our preparation to be exactly the same as pre-war recipes. Own-named brands a speciality. Largest profit, and most reliable Hair Dye yet produced.
J. KNOX WALKER & Co. Ltd., 422 Kingsland Rd., London, E. 8.

PRECIPITATED CHALK.
Lightest and Whitest, also Purest Dense.
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AUG. LEVERMORE & CO. Ltd., 8-10 Ct. St. Helens, LONDON, E.C.
Telegrams "LEVERMORE LONDON." Telephone 4613 Central

QUIN-QUENNA Sells merely by showing.
The really fine Hair Grower that is well advertised, and see that the Chemist shall secure a living profit. Six doz. with advertising matter sent at once, carriage paid. (1)
4/- PER DOZ. × P.A.T.A. SIXPENCE EACH × YOUR PROFIT 33⅓%
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A Safe & Indispensable Family Remedy

EUSALINE

"THE FAVOURITE HEALTH DRINK."

The foremost place which EUSALINE now occupies in public appreciation amongst Natural Fruit Salines has been won by its outstanding merits.

QUALITIES:
Cooling
Refreshing
Cleansing
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Palatable

As a Morning Tonic EUSALINE is unrivalled, it quickly corrects all indiscretions in eating and drinking—sweetens the stomach, cleanses the system and purifies the blood.

AN ALL-THE-YEAR SELLER. KEEPS IN ALL CLIMATES.

Its inviting sparkle, pleasing taste and flavour are particularly acceptable to children, who will take EUSALINE when they refuse all other aperients.

EUSALINE is being extensively advertised during the coming months, so that a large and steady demand is assured

EUSALINE is Retailed at **1/9** per bottle; Wholesale price, **15/-** per dozen. Discount, 15% and Carriage Paid on £5 orders. Can also be had in boxes containing 13 packets, to retail at 1½d. per packet, or 2 for 2½d., and **1/3** per box. Wholesale price, **12/-** per gross. Discount **15%**, plus bonus, according to quantity ordered. Carriage Paid on **£5** orders.

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Reid Street, Bridgeton - GLASGOW.

DISTINGUISHABLE FROM ALL OTHER PREPARATIONS BY ITS GRANULAR FORM, WHICH ENSURES A DEGREE OF MEDICINAL ACTIVITY AND FRESHNESS HITHERTO UNOBTAINABLE.

THE FRENCH NATURAL MINERAL — WATER. —

VICHY-CÉLESTINS

DISORDERS of the LIVER, GOUT, Diabetes, Rheumatism, Gravel, &c.

VICHY-ETAT PASTILLES.

Two or three Pastilles after each meal facilitate Digestion.

CAUTION.—Each Bottle from the STATE SPRINGS bears a neck label with the words "VICHY-ETAT" and the name of the SOLE AGENTS: INGRAM & ROYLE, Ltd., Bangor Wharf, 45 Belvedere Road, LONDON, S.E.

PROPERTY OF THE FRENCH GOVERNMENT.

SACCHARIN, 550 Monsanto

We offer at 180/- per lb., ex warehouse New York, shipment subject to Government permit.

We also offer spot, afloat and prompt shipment:

SAC-KEENE 50, light soluble powder, fifty times sweeter than sugar. Send for sample and quotations.

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NO ADHESIVE,
NO STRING,
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BOTTLE CAPS

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Prompt dispatch can at present be given.

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PACKED TABLE
HONEY

All Varieties i.e., "White Clover," "Heather," etc.

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Limited Supplies Available.

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ALL GRADES. STOCKS KEPT.
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TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE.
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The Largest Makers in the Kingdom,
BANKHALL DISTILLERY, SANDHILLS, LIVERPOOL. Office: 4 India B'ngs, Water St., Liverpool.

THE MOST ECONOMICAL INFANTS' FOOD.

ON P.A.T.A. LIST. *SHOWCARDS FREE.*

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RELIEVES
Rheumatic Lumbago,
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Muscular Pains,
Stiffness of the Joints,
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Colds, Sore Throats,
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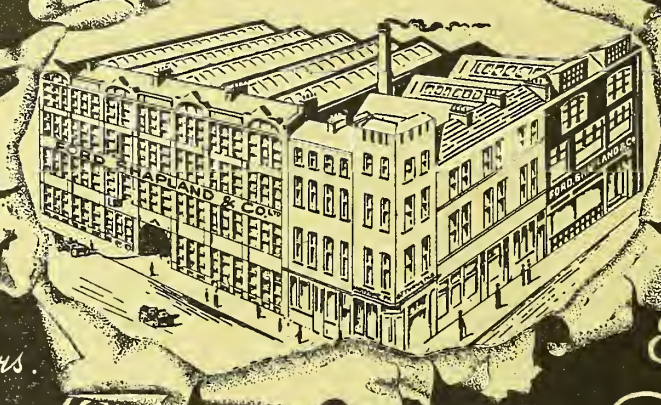

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HYDROKINONE, ACID PYROGALLIC, AZOL—The Active Developer,
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DEVELOPERS, TONINGS, &c., for AMATEUR TRADE,
Packed in CARTRIDGES, PACKETS, SCALOIDS & SOLUTIONS.

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VARNISHES.

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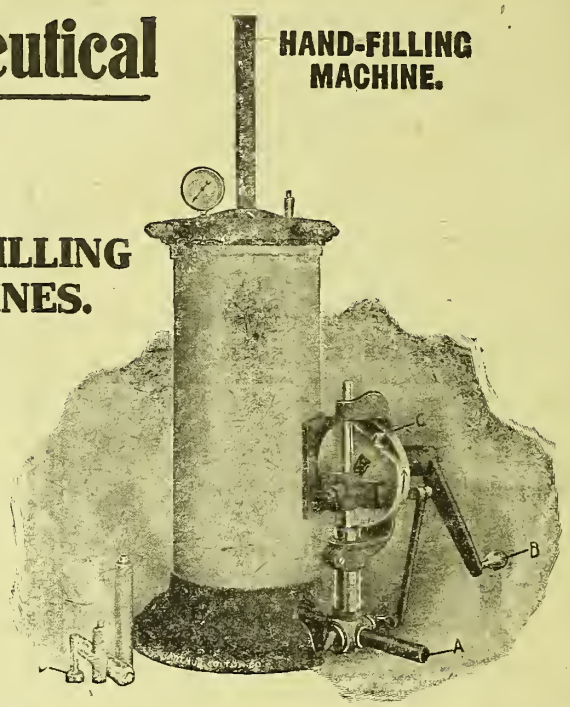

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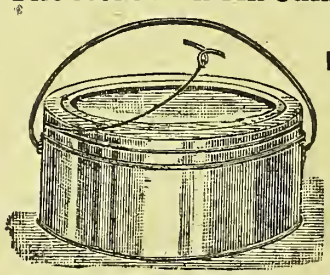

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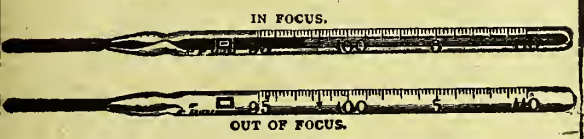

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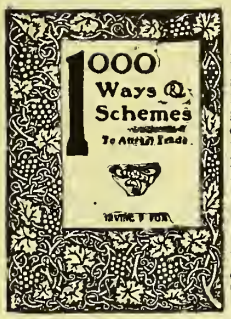

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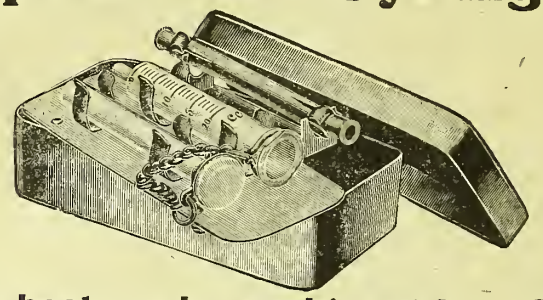

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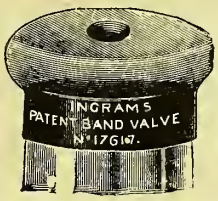

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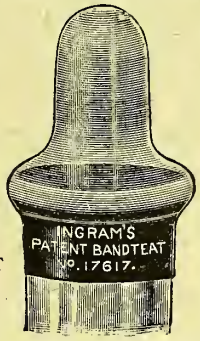

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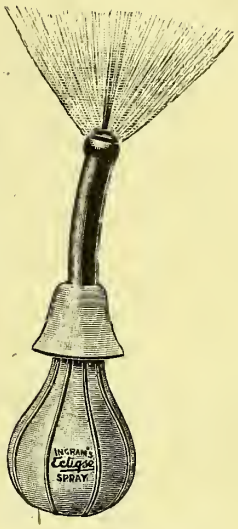

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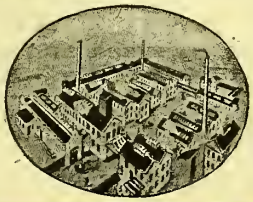

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Coming Events.

Sunday, August 11.

United Arts Rifles, "D" Company (Pharmacists). At 10 A.M., company parade at Imperial College Union, South Kensington, S.W. Dress: Drill order. (August 14 and 15, platoon parades at headquarters at 3 P.M.)

Monday, August 12.

British Scientific Products Exhibition, King's College, London, W.C. Opens, and remains open until September 7. Among the exhibits will be chemical products, physical appliances, optical apparatus, laboratory ware, photographic, surgical, and bacteriological appliances, all of British manufacture.

Wills.

Mr. Edwin Clarke, chemist and druggist, 46 Exchange Street, Blackpool, who died on May 24, left estate valued at 620*l.* 9*s.* 10*d.* gross, with net personalty 476*l.* 17*s.* 1*d.*

Mr. William Green Irvin, chemist and druggist, 24 Widdrington Terrace, North Shields, who died on April 17, left estate valued at 1,100*l.* 15*s.* 11*d.* gross, with net personalty 27*l.* 16*s.* 1*d.*

Sir Samuel Bagster Boulton, Bart., Copped Hall, Totteridge, chairman of Burt, Boulton & Haywood, Ltd., 64 Cannon Street, London, E.C., and of the Dominion Tar and Chemical Co., Ltd., who died on April 27, has left a fortune of the value of 374,312*l.* 1*s.* 8*d.*, the net personalty being 283,922*l.* 16*s.* 2*d.*

European War News.

Import and Export Notices.

United Kingdom.—Red prussiate of potash has been added to the list of imports prohibited except under licence. The "London Gazette" (August 6) announces the following alterations in the list of prohibited exports—*Headings deleted*: (B) Ammonia and its salts, whether simple or compound, and mixtures containing such salts (except ammonia liquor, liquefied ammonia, ammonium alum, ammonium carbonate, chloride, nitrate, perchlorate, sulphate and sulphocyanide, and nickel ammonium sulphate, and mixtures containing such ammonium salts); (A) ammonia, liquefied; (A) ammonia liquor; (A) ammonium alum and mixtures containing ammonium alum; (A) ammonium carbonate and mixtures containing ammonium carbonate; (A) ammonium chloride, including muriate of ammonia and sal-ammoniac, and mixtures containing these substances; (A) ammonium nitrate and mixtures containing ammonium nitrate; (A) ammonium perchlorate and mixtures containing ammonium perchlorate; (A) ammonium sulphate and sulphocyanide; (A) barium sulphate; (A) indigo, natural and synthetic; (A) nickel ammonium sulphate and mixtures containing nickel ammonium sulphate; (C) sodium bicarbonate; (B) tar, vegetable. *Headings added*: (C) Acid-resisting apparatus made of quartz and parts of such apparatus made of quartz; (A) carbon, coke-oven; (A) carbon, pitch; (A) ammonia and its salts, whether simple or compound, and mixtures containing such salts; (A) barium sulphate and mixtures containing barium sulphate; (C) indigo, natural; (A) indigo, synthetic; (A) sodium bicarbonate; (A) nicotine and its compounds; (A) tar, vegetable.

Personalia.

Mr. W. W. Wood, son of Mr. Uriah Wood, pharmacist, Arnold, has been gazetted second-lieutenant in the Royal Engineers.

Lieutenant Ernest Sanford Evans, Cheshire Regiment, who was seriously wounded in May (*C. & D.*, June 8, p. 34), has been brought over from France and is in hospital in London. Lieutenant Evans, who is the youngest son of Mr. William P. Evans, J.P. (Evans Sons Lescher & Webb, Ltd.), President of the Liverpool Chemists' Association, was to have crossed on a hospital ship that was subsequently torpedoed, but did not pass the doctor in time. He is making progress.

The "London Gazette" of July 26 contains the following reference to the award of the Military Cross to Lieutenant F. J. Mallett, R.E. (*C. & D.*, May 11, p. 33): "In recent operations he was attached to the brigade staff. He never spared himself, and repeatedly made dangerous reconnaissances, bringing back valuable information. His energy and capability under difficult circumstances were beyond praise." Lieutenant Mallett, who has since been awarded a bar to his M.C., is the son of Mr. Thomas J. Mallett, chemist and druggist, 66 Victoria Park, Cambridge.

Second-Lieutenant A. H. Hind, Machine Gun Corps, has been awarded the Military Cross for services thus described officially: "For conspicuous gallantry and devotion to duty when, in spite of heavy fire, his guns were seen to inflict heavy casualties on the advancing enemy. His ammunition being exhausted, he procured more in a new position, and rendered valuable service until his guns were blown up, when he rejoined his battalion with his four remaining men." Second-Lieutenant Hind is the son of Mr. W. T. Hind, chemist and druggist, President of the Leicester and Leicestershire Pharmaceutical Association.

Miscellaneous.

Rations for Invalids.—Fresh instructions have been issued by the Ministry of Food in connection with the issue of doctor's certificates to invalids needing special rations. Leaflet N.R. 5A gives a list of diseases in which Committees may grant extra rations of meat, butter, and margarine. Eight classes of disease are recognised—viz., active tuberculosis, diabetes and glycosuria, exophthalmic goitre, pernicious anæmia, cancer, senile dyspepsia, and convalescence after severe illness, etc. The extra rations vary according to the disease, but in no case can extra meat be sanctioned for the purpose of obtaining beef-tea, the applicants being advised to use meat extract with or without the addition of milk-powder. No ordinary disease is held to require bread made from white flour, the regulations in regard to supplies of this and sugar and milk being on the same lines as those referred to in the *C. & D.*, March 16, p. 34. Concessions have been made on behalf of expectant and nursing mothers. In all cases it is the local Food Committee that grants the extra rations certified as required by the medical certificates.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Society of Apothecaries of London.

At the Assistants' examination, which commenced on July 22, the following candidates were granted the certificate of qualification to act as an assistant to an apothecary in compounding and dispensing medicines:

Allen, F. M.
Alpen, L.
Angus, G. M.
Arkell, D. M.
Astell, D. L.
Aylward, I. V.
Barnard, A. M.
Bickerton, E. U.
Blakey, E. M.
Bond, H. M.
Bossom, W. A.
Brand, H. M.
Browne, E.
Butler, E. M.
Calderwood, G.
Clark, E. F.
Cooke, H. J.
Corner, M.
Coslett, L. M.
Cross, A.
Dann, M. I.
Darling, D. V.
Drysdale, J. S.
Fargie, A. M.
Field, J. K.
Firth, M.
Fitzgerald, L. E.
Forbes, M. C. H.
Freeman, P. A.
Garnett, M.
Gibling, L. M.
Harrington, H. A.
Harris, K. M.
Head, D. V.
Herington, G. A.
Hill, A. K. M.
Hine, A. L.
Hodson, E. M.
Hughes, J. G.
Illingworth, N. A.
Ingledew, E. M.
Ingram, M. M. E.
Jackson, P. H.
Jones, B.
Jones, H. M.
Jones, J. R.
Keeley, D.
Kendon, E. T.
Killip, H. M.
Kimber, D.
Krohn, M. E.
Lamb, G. M.
Lamb, M.
Langdon, J.
Leigh, S.
Love, B.
McGregor, F. G.
McIntosh, E. E.
Marsden, H.
Maylam, N. E.
Messer, M. C.
Mills, N. H.
Minto, A. S.
Musson, V. L. D.
Nichols, M. I.
Nowell, F. K.
Oliver, E. M.
Osborne, L. M.
Parkes, D. A.
Parry, M. S.
Parsfield, J. G.
Payne, E.
Phillips, G. E.
Postlethwaite, E.
Radford, U. M.
Rees, R. G. E. A.
Rentzsch, M. M.
Ridley, F. I.
Roberts, L. I.
Romain, I. A.
Saxon, E.
Sharpe, E.
Smith, D. B.
Standley, F. E.
Stansfield, E.
Stollard, C. L.
Strong, M. I.
Stuart, E. F. A.
Taylor, E. M.
Tebbs, J. E.
Thacker, M. M.
Turner, E. A.
Ward-Smith, J. E.
Warner, V. M.
Watson, A. I.
Williams, M.
Yeats, E. S.

The Ilford Tragedy.

The inquest on the bodies found at 23 Cranbrook Road, Ilford, on July 30 (*C. & D.*, August 3, p. 34), took place at Ilford Town Hall on August 3. The names and ages of the victims were given as Harris Cocker, chemist and druggist, 23 Cranbrook Road, fifty; Jessie Mabel Cocker, his wife, forty-one; and their children—Norman Stanley, fourteen; Terence Granville, nine; Winifred Marjory, seven; and Raymond, four years. The Coroner pointed out that Cocker used the same poison as the notorious Crippen, but it did not act quickly enough, and seeing that the action of the hyoscine would be delayed he gave his wife and children a dose of prussic acid, which no doubt in a few seconds completed the tragedy. He carried on his business afterwards as usual, and gave out that his family had gone to Brighton. Then from fear of discovery, or remorse, he took his own life. The notices he left in the shop, and letters he wrote, showed that this was a most remarkable piece of constructive crime. Among the letters produced was one from Mr. Cocker stating that on July 14 he in each case administered ½ grain of hyoscine hydrobromide in chocolates, followed in about ten minutes by 2 drachms of Scheele's hydrocyanic acid. Dr. Houchin said he had attended Mrs. Cocker during several years, and he had found recently that she was run down. On no occasion had Mr. Cocker spoken to him about removing his wife to an asylum, nor would witness have thought it necessary. She was simply neurasthenic. Death had occurred in the case of Mrs. Cocker and of the children quite a fortnight before he saw them. Mr. Cocker's condition pointed to his having poured the contents of a bottle of prussic acid into a glass with the aid of a night-light which was still burning when witness entered the room, then got into bed and swallowed the dose. He would be dead in 5 to 15 seconds. Witness had noticed lately that Mr. Cocker had altered. He seemed brusque. After the date of the actual tragedy he told witness he could not get his wife to take the medicine witness had prescribed. Mr. Cocker was undoubtedly of unsound mind, but not sufficiently so to be removed. It was also stated in evidence that a notice left in the shop and addressed to Miss King, Mr. Cocker's assistant, read: "Stay away from the top bedroom; very disagreeable." The jury returned a verdict that Mrs. Cocker and the children were wilfully murdered by Harris Cocker in a fit of temporary insanity, and in the case of Mr. Cocker their verdict was "Suicide during temporary insanity." The bodies of the victims were cremated at the City of London Cemetery, Little Ilford, on August 5.

Guardians' Affairs.

Birmingham Guardians have accepted the tenders of Southall Bros. & Barclay, Ltd., and Blackwell, Hayes & Co., for drugs.

The Southwark Guardians have received a letter from Staff-Sergeant J. F. Dunstan, chemist and druggist, in civil life dispenser at their Borough Road Dispensary, who is now at a military hospital, stating that under the substitution scheme he has been offered, through his company headquarters, an appointment under an Insurance Committee—presumably because of his age. He declined the offer, explaining that he already held a civil appointment. It appeared to him that if one public body could approach the Army in this way it was also open to the Guardians to apply for his release if they saw fit. The Board decided to take no action.

Birmingham.

Owing to the scarcity of medical practitioners the counter-advice of local pharmacists is much in request.

About three-quarters of the sum required to found a Chair of Russian at Birmingham University has been raised.

As the Town Hall is requisitioned for military use the Beecham orchestral fixtures are cancelled till further notice.

Heavy fines have been imposed here on firms that have been employing young persons on Sundays and after prescribed hours.

The son of Mr. J. W. Bland, Belgrave Pharmacy, Moseley Road, has passed the first medical examination of London University, and has gained two prizes.

There is a tendency in medical circles to regard the medical man who can handle a test-tube as possessing the chief if not the sole right to conduct water-analyses. The underlying assumption appears to be that this is a perquisite of the medical profession.

Mr. Marshall Freeman, barrister and chemist, Civil Liabilities Commissioner for Birmingham, has been appointed in the same capacity for the counties of Warwick and Worcester in addition. Sittings will be held at Warwick, Worcester, Coventry, and Nuneaton.

"Uffculme," given to the Corporation by Mr. and Mrs. Barrow Cadbury, and re-leased by them for a convalescent hospital for wounded soldiers, is, together with "Highbury" (the residence of the late Mr. Joseph Chamberlain), to be used as a permanent orthopædic hospital for limbless warriors.

Liverpool.

Face-powders were in great demand on Bank Holiday at the pharmacies—which opened, as a rule, for medicines only—and refusals caused chagrin.

"Remembrance Day" was celebrated by the many hundreds of the staff of Evans Sons Lescher & Webb, Ltd., in a way marking a new departure. By a spontaneous subscription, in which all joined, the War tablets erected on the office-staircase wall were draped with ribbons and further decorated with wreaths of Lancaster roses, orchids, and everlasting flowers. Messrs. C. H. Collings (warehouse), A. E. Young (office), and H. E. Shallcross (laboratories) collected the goodly total sum which defrayed the cost, the work being entrusted to a leading firm of florists. The effect was very impressive.

Miscellaneous.

Fire.—On August 4 the works of the Fulham Pottery and Cheavin Filter Co., Ltd., New King's Road, London, S.W., were burned out, the damage being estimated at 20,000*l*. The establishment was founded in 1671, and is widely known in the chemical trade.

Mineral Fat for Cooking.—In the course of Police Court proceedings at Westminster, on August 7, it was stated that a large quantity of dripping substitute is on the market containing 35 per cent. of mineral fat. The defendants in the case in question were fined 5*l*., and two guineas costs.

Box-makers' Wages.—The "London Gazette," August 6, contains the alterations proposed to be made in the minimum wages granted to workers in Great Britain in the tin-box and canister trade and the paper-box trade. The paper-box trade includes the manufacture of boxes of chip or similar material.

Paper Regulations Prosecution.—At Tower Bridge Police Court, London, on August 1, W. F. Mitchell, managing director of the National Institute of Sciences, 260 Westminster Bridge Road, was fined 100*l*., and five guineas costs, with the alternative of three months' imprisonment, for infringing the Paper Regulations by sending out large quantities of circulars.

Covent Garden Estate.—The purchase of the Covent Garden estate by "The Covent Garden Estate Co., Ltd.,"

from the Duke of Bedford was completed on July 30. Negotiations for the purchase for 2,000,000*l.* were begun by the late Sir Joseph Beecham in July 1914, but the war and his death retarded the sale. Mr. C. F. Boston, Liverpool, is the chairman of the company; the other directors are Dr. Fred Duke Woolley, Sir Thomas Beecham, Bart., and Mr. Henry Beecham. The estate comprises over eighteen acres of land in the West Central district of London.

Cheque-stamp Increase.—All cheques drawn on and after September 1 next will have to bear a 2*d.* stamp. Cheques already in stock bearing the present penny impressed stamp may have an ordinary penny stamp added. An adhesive stamp so used should be affixed at the place of signature, and the person drawing the cheque should sign across it. A period of grace is allowed until December 1 next, within which a person receiving a cheque liable to the duty of 2*d.*, but bearing only a penny stamp, may himself rectify the insufficient stamping by affixing an ordinary penny postage-stamp.

Sale of Food and Drugs Acts.—In Lambeth during the past quarter fifty-five samples of drugs were analysed—six formal and forty-nine informal—three formal and ten informal samples being certified as adulterated. These included eight samples of cream of tartar out of twenty, three formal samples adulterated containing respectively 45 parts of lead, 36 parts of lead, and 4 parts of arsenic per million; four informal samples containing excess of lead, and one excess of arsenic. Three prescriptions were deficient in their active ingredient; a sample of Epsom salts contained excess of lead, and a sample of ammoniated tincture of quinine was deficient in ammonia.—In Southwark during the past quarter fifteen samples of drugs were analysed, four of which were certified as adulterated.—Of twenty samples of Epsom salts examined by the Lancashire county analyst last quarter, one was found to be adulterated.

Poisonings.—An inquiry was concluded at Chelsea, on August 3, concerning the death of Mr. C. B. Birdwood, formerly a lieutenant in the Coldstream Guards, who resided at Beaufort Mansions, S.W. Dr. Webster, analyst to the Home Office, stated that death was due to coma from chloral hydrate. Other evidence having been given to the effect that Mr. Birdwood had suffered from insomnia, a verdict of "Death by misadventure" was returned.—E. O. Jones, dental mechanic, Rosebery Road, London, S.W., worried concerning military service, committed suicide with potassium cyanide after placing absorbent pads soaked with chloroform by his side.—Emma L. Clarke, dressmaker, Mawbey Street, London, S.W., committed suicide with oxalic acid.—Marjorie Stubbs, aged three, died at Cleethorpes through drinking laudanum from a bottle she found on a dressing-table.

Irish News.

Brevities.

Ayrton, Saunders & Co., Ltd., Liverpool, have sent a subscription to the funds of the Sligo Chemists' Assistants' Association.

Mr. Alex. Deans (Deans, Logan & Co., Ltd., Belfast) and Mr. Hugh Harrison (W. A. Ross & Co., Ltd.) have been elected members of the Belfast Chamber of Commerce.

A memorial service for the late Mr. Robert A. Jones, Ph.C., Warrenpoint, was held in the local Wesleyan Church on August 4, when the Rev. W. J. Clayton paid a tribute to the work of the deceased in connection with the church of which he had been a devoted member for over half a century.

Mr. Huston Lancashire, Ph.C., Ballymena, was presented to Lord French, Lord Lieutenant of Ireland, on the occasion of his State visit to Belfast on August 2. Mr. Lancashire was present in his capacity as Chairman of the Urban Council of Ballymena, which body presented His Excellency with an address.

W. F. Wells & Son, 61 Upper Sackville Street, Dublin, referring to the obituary notice of Mr. Bowden which was printed in the *C. & D.*, August 3, p. 38, point out that Mr. Bowden was never in partnership in that firm, which has during its seventy-eight years of existence been a family concern. The letter continues: The late Mr. Bowden was a personal friend of the writer, and we believe his whole business career was spent in the establishment of which he ultimately became owner.

Customer: "You say this hair-tonic is very good?" Pert Salesman: "Yes, sir; I know a man who took the cork out of a bottle of this stuff with his teeth, and he had a moustache the next day."

Scottish News.

"On Soul and Conscience."

The "Dundee Courier" has hit upon a capital topic for the dull season, and should easily be able to dispense with the services of the big gooseberry and the sea-serpent. The guinea stamp, or rather charge, of the doctors of Dunfermline (*C. & D.*, August 3, p. 35) has already resulted in voluminous public correspondence. "Philetelas" (presumably a medical man) writes, "One shilling is the smallest fee charged, but the great majority of certificates are given absolutely free. . . . The burden of medical certificates is getting intolerable. . . . Amongst the universal shoutings for 'more money' the medical profession, I think, stands alone for neither having increased its fees nor demanded an increase." "Tayside" retorts: "After all, what is a doctor? He goes five years to a University, and starts business with a series of remedies which brains other than his have discovered for the repair of the human frame. He thus becomes a glorified mechanic." A racy story follows concerning a practitioner who provided his *locum* with a jar labelled "A.D.T.," which letters signified "any d——d thing," and instructed him to use the mixture in obstinate cases. "Anti-Humbug" declares: "It seems to me that when a man writes 'aqua' for water and 'pan.' for bread he is simply indulging in camouflage. Huge sums are paid to chemists for these free or cheap materials, and I know that in not a few instances the doctors share the profits." "Chemist" wants to know on what evidence "Anti-Humbug" bases this assertion, and asks what he would think or say "if he had sums due to him for National Insurance work extending over a period of three or four years." "Ex-Chemist" is severe on both the pharmacist and the doctor. "The camouflage of Latin prescriptions," he says, "is only about equalled by the camouflage of the druggist and chemist shop," the essentials of which are "a good-going water-tap and a barrel of quinine." As for medical men, he threatens that "people might start to think and recollect that barbers and doctors were once a combined trade, of which only the hard, honest part has been so far 'unregulated.'" It is understood that the Dunfermline doctors keep on shaving.

Dundee.

At the Infirmary, during the seven months ended May 15, there were 1,200 attendances for the free treatment of venereal diseases and 300 pathological examinations. In the reference department of the Dundee Free Library a table has been provided for literature dealing with the subject.

Glasgow.

Damage estimated at 10,000*l.* was caused by a recent outbreak of fire on the premises of Alexander Cross & Sons, Ltd., manufacturing chemists, Port Dundas.

Military Tribunals' Decisions.

Since Our Last Report the following decisions have been notified:

Battle.—Mr. K. H. Emeleus, chemist and druggist, was conditionally exempted for six months.

Hereford.—Mr. S. A. Shackleton, chemist and druggist, was exempted to November 2.

Limehurst.—Conditional exemption was renewed to Mr. A. Crompton, pharmacist.

Maidstone.—Mr. H. Payne, Ph.C., was exempted for six months.

Rochdale.—Mr. G. Swarbrick, assistant with J. J. Thomas & Son, chemists, was exempted to November 30.

Sandown.—Mr. A. G. Giles, chemist and druggist, manager to Timothy White & Co., Ltd., was conditionally exempted for six months. It was stated that there was a contrariety of opinion on the merits of this case between the local Pharmaceutical Committee and the local Insurance Committee, the latter holding that, so far as their work was concerned, the shop managed by Mr. Giles was not required.

Weston-super-Mare.—The conditional exemption held by Mr. H. W. Vanes, chemist and druggist, was cancelled, and he was ordered to be available on August 20.

"Hyena Shampoo" is a Dundee variant on the name of a popular article.

Apricot-kernels.—Californian fruit-growers who have found no market for apricot-kernels since the commencement of the war, except for fuel purposes, have been offered $31.50 per ton by a Californian firm, who intend pressing the oil. Formerly the kernels were exported to Germany.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Croydon.—The Insurance Committee met on July 22, when the recommendation of the Medical Benefit Sub-Committee that 10*l.* be deducted from the amount payable to a doctor who had been adjudged guilty of excessive prescribing was received for the second time. (See *C. & D.*, July 13, p. 45.) In the course of an animated debate a member who upheld the doctor remarked that "it was said that this doctor ought to have ordered his patient rhubarb pills because they were a stock mixture, and could be supplied at a reasonable cost. But the doctor said the pills contained aloes, and as he did not want his patient to have aloes he ordered him tincture of rhubarb." "There are no aloes in rhubarb pills," exclaimed Dr. F. Beard, another member of the Committee. An amendment to reduce the deduction to 5*l.* having been lost by a large majority, the report was adopted.

Essex.—At the meeting of the Essex Insurance Committee on July 30, correspondence was reported with the Pharmaceutical Committee in regard to the establishment of a rota among the chemists in Chelmsford (*C. & D.*, August 3, p. 46). It was agreed to accept the proposals as an experiment for three months, provided that notices were displayed in the doctors' surgeries and chemists' shops giving particulars as to the chemist available for the dispensing of medicines.

Smethwick.—At the meeting of the Insurance Committee on July 30, Mr. J. B. Dealey, J.P., was re-elected *Chairman* for the fourth successive year. In his summary of the past year's work, Mr. Dealey said that both the medical and the pharmaceutical services had continued to work smoothly and satisfactorily in the area. The report of the Medical Benefit Sub-Committee stated, in regard to chemists and military service, that its negotiations with the National Service Representative had resulted in the latter agreeing that the whole of the fifteen chemists in the area should be regarded as in a certified occupation. It was recommended that the Pricing Office's return for the half-year ended June 30, under Article 5, should be adopted as the ratio for re-assessment of drug-prices for the whole year. The report of the Finance and General Purposes Sub-Committee stated that payments have been made to chemists of 173*l.* 7*s.* 10*d.* for April and May, and 198*l.* 13*s.* 10*d.* for May and June. The list of attendances of members of the Committee for the year ended June last showed that Mr. H. M. Tranmer, chemist and druggist, the chemists' representative, had been present at every meeting to which he had been summoned.

Southport.—The annual meeting of the Southport Insurance Committee took place on July 30, both chemists' representatives—Messrs. J. Righton and F. Battersby—being present. The Finance Committee recommended the payment to sundry chemists of 110*l.* 8*s.* 6*d.* for May and June 1918. The Clerk reported that he had received an application from Mr. E. Luke Lea to be placed on the panel. The name was approved. The *Chairman* (Mr. J. Gordon) and the *Vice-Chairman* (Mr. D. Richards, J.P.), were re-elected.

Surrey.—The Insurance Committee met at Caxton Hall, Westminster, S.W., on July 31, when the Chemists and Military Service Sub-Committee reported on the steps taken regarding the enlistment of chemists under the Military Service (No. 2) Act, 1918. The report of the Medical Benefit Sub-Committee stated that during the past quarter twenty-eight persons have been granted permission to make their own arrangements for medical benefit. Payment to the Pharmaceutical Committee for administration expenses was recommended of 120*l.* 10*s.* 4*d.* for 1917 and 274*l.* 8*s.* 6*d.* for 1918. It was further recommended that doctors using private formulas should write their prescriptions in full once a month. The Panel and Pharmaceutical Committees' term of office has been extended to July 1, 1919. Payments to chemists amount to 1,587*l.* 16*s.* 11*d.* for May, 851*l.* 7*s.* for June, and 771*l.* 4*s.* for July.—At the monthly meeting of the Pharmaceutical Committee, held on July 24, the letter from the Commissioners extending the term of office of the present members was read, and for the ensuing year the following officers were reappointed: *Chairman*, Mr. E. T. Neathercoat; *Vice-Chairman*, Mr. W. Bowden; *Secretary*, Mr. W. H. Fowler. The Pharmaceutical Service and Executive Committee comprises the Chairman, Vice-Chairman, and Secretary; and the Chairman, Vice-Chairman, Mr. Noble, and the Secretary were appointed representatives to act on the County Insurance Military Advisory Committee. The draft annual report (in an abridged form) for the year ended June 30 was submitted and adopted, and was ordered to be circulated to all the chemists on the panel.

SCOTLAND

Edinburgh.—A meeting of the Edinburgh Pharmaceutical Committee was held on July 30, Mr. Boa (Chairman) presiding. After the routine business had been carried through, the Committee discussed the question of making arrangements with the Insurance Committee for a panel pharmaceutical service for 1919. Having regard to the fact that Scottish panel chemists have till now been paid a dispensing fee about 50 per cent. less than what the Tariff is supposed to afford, and in view of the high prices of drugs prevailing and likely to prevail for a period long subsequent to the end of the war, and the tendency of increase in capital expenditure, it was unanimously decided that the only safe basis of agreement for the supply of drugs, etc., for 1919, must be: (1) The absolute abolition of the discounting clause; (2) a guarantee that all dispensing be paid for at the rate of 2*s.* per hour as a minimum; (3) the sum paid for ingredients to be calculated on the basis of the present drug tariff, irrespective of whether the present per capita grant of 2*s.* is sufficient to meet the chemists' accounts.

Lanarkshire.—A meeting of the Insurance Committee was held in Glasgow on July 24, Mr. John Robertson presiding. Mr. James Murdoch, proposing the adoption of the minutes of the Medical Benefit Committee, referred to the increase in the cost of drugs and to the necessity to guard against extravagance in prescribing. As the result of investigation the Panel Committee had decided to warn the doctor in three cases, and to recommend that another doctor be surcharged 20*l.* for excessive prescribing. A motion, proposed by Mr. Manus Duddy, that as the arrangement under which money saved from the Drug Fund was divided among the doctors was not in the best interests of insured persons, the Committee recommend that the Government should have the system altered, was defeated, after the meeting had heard an explanation from the Clerk regarding the arrangement.

Paisley.—At the annual meeting of the Insurance Committee, Mr. J. T. Hillyer presiding, the Clerk, Mr. Thomas Hunter, reported on the work of the past year, stating that 45,205 prescriptions were dispensed at a total cost of 1,635*l.*

The Scottish Drug Tariff.

The July Appendix shows a number of alterations. Sixty-one drugs have been increased in price and sixteen have been decreased. Three appliances have appreciated in value, while four are reduced. The subjoined list shows the variations that have taken place:

Name.	oz. s. d.	dr. s. d.
Acid. carbol. ...	0 3	0 0½
Acid. salicyl. ...	0 10	0 ½
Ammon. brom. ...	1 8	0 3
Argent. nit. ...	—	0 10
Bismuth. carb. ...	1 7½	0 3
Calx sulph. ...	0 5	0 1
Camphor.	0 7½	0 1½
Chloral. hyd. ...	2 8½	0 5
Cocain. hydroch. ...	—	15 5
Codeina	—	9 10
Creosot carb. ...	8 5	1 2½
Dec. sars. co. conc.	0 9	0 1½
Emuls. morrhu. c. hypo., B.P.C. ...	0 4	0 1
Ergotin., '98 ...	5 2	0 9
Ext. bellad. liq. ...	2 8½	0 5
„ „ vir. ...	1 7	0 3
Ext. cascar. liq. ...	0 4	0 1
„ ergot.... ...	—	0 8
„ „ liq. ...	0 9	0 1½
„ glycyrrh. liq.	0 5½	0 1
„ opii liq. ...	1 5½	0 2½
Ferri quin. cit. ...	2 7	0 4½
Hexamina	1 8	0 3
Liq. mag. carb. ...	0 0½	—
„ pancreat. ...	0 4½	0 1
„ strych. ...	0 4	0 1
„ trinitrini ...	1 3½	0 2½
Lith. carb.... ...	1 8	0 3
„ cit.	1 6½	0 3
„ „ eff. ...	0 5	0 1
Mag. carb. pond....	0 2½	0 0½
Ol. amygd. ...	0 5½	0 1
„ caryoph. ...	3 2	0 5½
„ olivæ	0 4	0 1
Paraldehyd. ...	1 9	0 3
Pasta zinci co., B.P.C. (Lass. paste) ...	0 3½	0 0½
Pepsin	5 4½	0 9½
Phenacetin. ...	3 3½	0 6
Phenazon.... ...	6 4	0 11
Phenolphthalein. ...	5 7½	0 10
Potass. brom. ...	1 2	0 2
„ cit. ...	0 7	0 1

Name.	oz. s. d.	dr. s. d.
Pulv. jalap. co. ...	0 8½	0 1½
Resorcin.	5 11½	0 10½
Sacch. lact. ...	0 10	0 1
Salol.	1 6½	0 3
Sod. benz.... ...	2 11	0 5
„ cacodyl. ...	10 6	1 6½
„ nitris	0 4½	0 1½
„ salicyl. ...	0 10½	0 1½
Sp. æth. nit. ...	0 6½	0 1½
„ chlorof. ...	0 8	0 1
Syr. hypophos. co., B.P.C.	0 3	0 1
Thyroid. sicc. ...	7 0	1 0
Tinct. aconit. ...	0 6½	0 1
„ aurant. ...	0 11	0 2
„ benz. co. ...	0 9½	0 1½
„ cannab. ind.	1 9½	0 3½
„ canthar. ...	0 8	0 1½
„ catechu ...	0 4	0 1
„ chlor. et morph. co.... ...	0 11	0 2
„ cinchon. co.	0 7	0 2
„ digital. ...	0 6	0 1
„ gelsem. ...	0 5½	0 1
„ iodi fort. ...	0 9	0 1½
„ „ mit. ...	0 7½	0 1½
„ lavand. co....	0 8	0 1½
„ lobeliæ æth.	0 9	0 1½
„ opii ammon.	0 8½	0 1½
„ quin. amm....	0 6	0 1
„ strophanth....	0 8	0 1½
„ zingib. ...	0 7½	0 1½
Ung. ac. boric. ...	0 3	0 0½
„ glyc. plumb. sub. ...	0 4½	0 1
„ paraff. alb....	0 3½	0 0½
Zinci chlor. ...	0 11½	0 2

Appliances.—Elastic web bandages, 2½ in., 1*s.* yd.; 3 in., 1*s.* 2*d.* yd. 5% iodof. gauze, 3*s.* 4*d.* per roll. Surgeon's lint, 6*s.* 4*d.* lb. Cotton-wool, 4 oz. 1*s.* 3*d.*, 8 oz. 2*s.* 1½*d.* 1 lb. 4*s.*

Westminster Wisdom.

By the "C. & D." Parliamentary Representative

The Parliamentary Recess.

Both Houses of Parliament separated on Thursday for the summer recess. The Commons will reassemble on Tuesday, October 15.

Petroleum Production Bill.

This Bill, which passed the third reading in the House of Commons on August 5, makes the searching and boring for petroleum in Great Britain a Crown monopoly.

Veterinary Tuberculin.

Mr. Hayes Fisher, President of the Local Government Board, stated in the House of Commons on August 5 that there are no restrictions on the possession and use of tuberculin by persons other than members of the Royal College of Veterinary Surgeons.

Optical-instrument Makers.

A question was asked in the House of Commons on July 24 regarding the withdrawal by the Army authorities of employés of Adam Hilger, Ltd., optical-instrument makers. The reply was that eleven of the 300 employés of Adam Hilger, Ltd., have been called up, four being skilled workmen. Three other employés enlisted voluntarily. It is not possible to release these youths.

The Sale of Sweetmeats.

Major Astor, replying to a question in the House of Commons on August 5, said the Sale of Sweetmeats (Restriction) Order, 1918, was made for the purpose of enabling those retailers of sweetmeats who wholly or mainly depend for their livelihood on this class of trade to obtain a larger proportion of the available supplies. One effect of the Order is to compel manufacturers who formerly sold sweetmeats by retail to dispose of their products at wholesale rates to other shopkeepers, and thus to increase the supplies of sweetmeats available for sale by those whom the Order was designed to benefit. The Food Controller can see no valid reason for amending the Order to avoid this.

Heinrich Traun & Sons.

In reply to Sir Leicester Harmsworth, Sir Albert Stanley, the President of the Board of Trade, stated in the House of Commons on August 5 that the business of H. Traun & Sons, manufacturers of ebonite and vulcanite goods, 25 Goswell Road, London, E.C., was ordered to be wound up on December 21, 1916. Messrs. Winter and Almenräder, naturalised British subjects of German origin, who had acted as manager and assistant manager respectively of the business, had commenced to carry on a similar business in January 1915 at the same address under the name of Winter & Co., and there seems to be no doubt that this course was taken partly with a view to the business of Traun & Sons being resumed after the war. Sir Albert said he had no information as to the firm having received contracts from any Government Department. He proposed to refer the case again to the Advisory Committee so soon as the amending bill now before Parliament has become law.

British Patents in Germany.

Sir A. Stanley, on July 31, stated in the House of Commons that according to the information available to the Board of Trade no patents have been taken out by British subjects in Germany since the commencement of the war, but numerous applications for patents have been made in Germany by British subjects under the licence issued by the Board which has recently been rescinded. There are no official statistics showing the exact number. The German Government followed the practice of the British Government in allowing applications for patent rights to be recorded, but refusing the grant of a patent on such applications. Enemy patent rights existing in this country on the outbreak of war were not voided as a whole, but the Board of Trade took powers to suspend or void any such patents or to grant licences to British subjects thereunder on the application of any person interested. No licences have been issued to Germans under these powers, but in the case of licences issued to British subjects royalties have been fixed in the majority of cases payable to the Public Trustee.

Goldbeaters' Skin.

Major Newman, in the House of Commons on August 5, asked the First Lord of the Admiralty whether he is aware that the numerous firms and individuals of enemy origin which, at the commencement of the war, were engaged in the supplying of goldbeaters' skins to Germany for the construction of her lighter-than-air fleet, and are now placed on Government work as protected industries for the supply of certain surgical dressings, are allowed an ample supply of protected labour, including uninterned and released from internment Germans; and why the few British firms that are in the casing industry have the greatest difficulty in getting sufficient labour and have been allotted none of these enemy subjects to help them to carry on similar work to that being done by their alien competitors?

Dr. Macnamara, in reply, said the Admiralty have no knowledge of any arrangements for the protection of persons or firms of enemy origin for the supply of surgical dressings, or for giving them a preference over British firms in the allocation of protected labour. As regards the supply of goldbeaters' skin for lighter-than-air craft, a number of British firms are engaged in this industry, and for that purpose they are protected under the Schedule of Protected Occupations; also the Admiralty has repeatedly taken action to assist them in securing labour.

Protection of Businesses.

Sir R. Cooper, on July 30, asked the President of the Local Government Board if he has considered the means by which the businesses of men who are called up for military service could be protected or maintained during their absence; and if he has taken any steps to encourage local authorities to set up Committees of carefully selected residents to which those men might refer their difficulties, with the object of securing co-operation on the part of other men in the same businesses who are not serving their country.

Mr. Walsh, who replied, said the establishment of schemes for maintaining the businesses of men who join the Forces has received much attention from the Local Government Board, and excellent schemes have been adopted at a number of places. The best schemes are likely to be those which are managed by traders themselves, for they know exactly the difficulties to be overcome.

Mr. George Terrell, on August 5, asked the Prime Minister whether, in view of cases of hardship and injustice which are constantly occurring, he can see his way to at once introduce legislation, if necessary, giving the proprietors of one-man businesses the right of appeal from the County Appeals Tribunal to the Central Tribunal?

The President of the Local Government Board (Mr. Hayes Fisher), who replied, said that it is not practicable to make the change suggested. He added it is to be remembered that proprietors of one-man businesses are not the only men who have to make sacrifices, in view of the present military requirements; moreover, by schemes of co-operation for the maintenance of businesses, such as have been adopted in a number of localities, traders in many instances have in their own hands the means of mitigating the hardship to men who are required to join the Forces.

Cellulose Acetate Contract.

Since the last issue of The Chemist and Druggist questions have been asked and a discussion has taken place in the House of Commons in regard to the cellulose acetate contract, particulars of which were given last week (p. 43). Mr. Kellaway, on August 5, stated that the dealings of the Ministry of Munitions have been with the British Cellulose Co., and no financial assistance has been given to the Cellonite Co., of Basle. He had no information as to the amount of German capital invested in the last-named company. It has been decided to appoint a committee to consider and report on the criticisms and recommendations made by the Select Committee on National Expenditure. The President of the Board of Trade informed Mr. Holt that 159,999 shares of the British Cellulose and Chemical Manufacturing Co., Ltd., are held by the British Cellulose and Chemical Manufacturing (Parent) Co., Ltd., 8 Waterloo Place, the remaining share being held by Mr. F. G. Browne, 108 Goodrich Road, East Dulwich.

On the same day the question was raised in the House during a discussion on the Consolidated Fund Bill. Sir William Bull made a spirited defence of the British Cellulose Co. He said cellulose acetate was invented by Cross forty years ago, but it was not until a few years ago that some Swiss chemists named Dreyfus succeeded in turning it into a valuable commodity. It is one of the constituents of dope used to coat aeroplanes with, and after the war will be employed as a substitute for glass and silk, and for cinematograph films. The works at Derby are a mile in length and half a mile broad, and have been put up at a cost of approximately three millions of money. Referring to the financial arrangements, he asked that judgment on the Select Committee's report should be suspended until evidence from the company had been given. He said the company is prepared to give every facility to the Committee that is to investigate the matter. Mr. Bonar Law said he hoped to be in a position to announce before the adjournment the form which he would recommend for the inquiry.

Legal Reports.

Breach of Soap Contract.—In the City of London Court, on July 23, an action was brought before his Honour Judge Rentoul, K.C., by Mr. Georges Peereboom, a Belgian soap-merchant, 18 and 19 Great St. Helens, London, E.C., against Dudley Stuart & Co., 14 America Square, to recover 45*l.* damages for breach of contract in reference to 10 tons of yellow soap. Mr. A. E. Nelson, plaintiff's counsel, said that the defendants agreed to supply his client with soap at 35*l.* a ton. Plaintiff re-sold it at 37*l.* a ton to a Frenchman, but could not get the soap from the defendants. Plaintiff sustained a loss, and on October 4 defendants agreed, if plaintiff did not press him, to pay 45*l.* damages for the breach. It ought to have been 50*l.* Judgment was given for the plaintiff for 45*l.*, and costs.

Medicine-stamp Duty.—On July 31, at Marlborough Street Police Court, London, before Mr. Denman, Mr. Victor Bottomley, chemist, King Street, S.W. 1, was summoned for exposing for sale on June 18 a bottle of Harris's Red Cough Drops in a bottle which did not bear a label denoting the duty charged, contrary to the statute; and on a second summons for a similar offence on June 20. Defendant pleaded not guilty. Mr. Booth represented the Commissioners of Excise and Customs. Arthur William Baker, an officer of Customs and Excise, gave evidence that he went to defendant's shop and asked for a bottle of Harris's Red Cough Drops. Defendant got a bottle from behind the counter and asked if he would like to have a dose then, and, on his replying that he would, poured a dose into a glass and gave it him. He then wrapped the bottle up in paper and handed it to him, charging him 1*s.* 9*d.* for it. There was no stamp on the bottle. Arthur M. Clegg, another Customs and Excise officer, gave similar evidence as to purchasing a bottle of the same medicine in exactly similar circumstances on June 20. Mr. Renshaw, a member of the special staff of the Customs and Excise attached to the Custom House, stated that he called on the defendant on June 24, and told him they had received complaints of his having sold bottles of this medicine which did not bear the stamp required. He replied that he did not remember having sold it. Subsequently defendant showed him three bottles of the drops, none of which bore a stamp. Witness asked him to show him his stock of medicine-stamps, and he said he had none in stock, and when asked when he last purchased any said he did not remember. In reply to defendant, witness said he did tell him he had had a carbuncle on his left arm, but he did not think that would have prevented him stamping a bottle. Defendant, on oath, produced a bottle which, he said, was exactly similar to those sold to the witnesses for the prosecution before he emptied a dose out of them. The stamp, his Worship would see, was placed on the outside paper—not on the bottle. The preparation had been made by Harris & Co. for 100 years, and had always been stamped. He had for two months been suffering from a carbuncle, and unable to wrap up anything at all, and had to hand medicine to customers after giving them a dose, as he did in these cases. He had stated to the Commissioners the difficulties in which he had been placed, and considered they should not have taken these proceedings. In cross-examination, he said after Mr. Renshaw called he searched and found two dozen medicine-stamps. He was unable to say when he last purchased any, because his books had been stolen. Mr. Denman said it would have been wiser for the defendant to have pleaded guilty and urged the facts he had mentioned in extenuation, but he had taken an opposite course. He would be fined 3*l.*, with a guinea costs, in each case. Defendant asked for his Worship's ruling on the question whether it would be an infringement of the Act to sell the medicine without a stamp after breaking the wrapper. Mr. Denman said he could not answer that question; if the defendant chose to fight that question, he must do so on his own responsibility.

Nicholai Products.—Mr. Justice Roche, sitting as Vacation Judge on August 7, had before him the case of Nicholai *v.* Howitt upon a motion by the plaintiff for an injunction to restrain the defendant, Mr. Arthur Howitt, from advertising himself as or holding himself out as the proprietor of certain products and processes connected with perfumery and other similar articles known by the name of "Nicholai" products. Counsel, in support of the application, said the motion came before Mr. Justice Peterson at the end of last term, but was ordered to stand over until that day (August 7), the defendant being given until Thursday the previous week to answer the plaintiff's evidence. Counsel for the defendant stated that he understood an affidavit had been filed on behalf of the defendant, but he had not got it, as the gentleman instructing him was not then in Court. He had objected before Mr. Justice Peterson that this was not proper vacation business, and there were questions of fact to be dealt with which it was impossible to deal with in that Court. Mr. Justice Roche said he proposed to go on with the case, and counsel for the plaintiff proceeded to read the affidavit made by the plaintiff in support of the application, from which it appeared that he was a well-known chemist. In 1916 plaintiff became managing-director of the Nicholai Manufacturers and Supplies, Ltd., to whom he sold the goodwill of his perfumery business and his processes and formulæ for the manufacture of his products. Clause 7 of the agreement provided that all formulæ and other like matter and information relating to the affairs of the business were to be delivered to the company to be used for the purpose of carrying on its business, with the proviso that should the company through no fault of the plaintiff go into liquidation, being unable by reason of its liabilities to continue the business; plaintiff would be entitled to the return of the formulæ. He was appointed manager for ten years. Defendant was aware of the contents of the agreement, he being one of the directors at the time. At the date of the agreement plaintiff was carrying on business as a perfumery chemist at Sinclair Road, Kensington, and had gained considerable reputation for bath-tablets, and the preparations made by him were then in great demand, and which were known as "Nicholai" products. Plaintiff contended that the name "Nicholai" in connection with bath and toilet preparations indicated to the trade and the public that these were made by him. The company went into voluntary liquidation on December 10, 1917, Melville Strange, defendant's secretary, was appointed liquidator. Plaintiff had asked Mr. Strange to hand back the formulæ, and that he had promised to do. At this stage of the case his Lordship ordered the case to go to the bottom of the list in order to allow the defendant to produce any necessary evidence. Later in the day counsel for the plaintiff said the other side had furnished him with a copy of an affidavit which accused his client of every conceivable evil, and apparently the contention of the defendant was that the business of the company was smashed by the plaintiff, and therefore that the proviso by which the plaintiff was entitled to the return of the formulæ never arose. In these circumstances he asked that the motion should stand over for a week to enable the plaintiff time to answer that affidavit. This was agreed to, and the case accordingly stood over for one week.

New Companies
and Company News.

P.C. means Private Company and R.O. Registered Office.

G. A. Stadler & Co., Ltd. (P.C.).—Capital 1,200*l.* Objects: To carry on the business of manufacturers of and dealers in surgical lathe and racquet gut, goldbeater skin, etc. Solicitor: E. S. Dingle, 47 Joan Street, Sunderland.

Ohlson Dick & Co., Ltd. (P.C.).—Capital 3,000*l.* Objects: To carry on business as general dealers, manufacturers, importers, and brokers of and dealers in foreign and colonial produce, butchers, milk-sellers, oil and colour men, chemists and druggists, etc. R.O., 62 and 63 Mark Lane, London, E.C.

Polymerite, Ltd. (P.C.).—Capital 3,000*l.* Objects: To carry on the business of manufacturers of and dealers in varnish, paint, pigments, plastics, resin, synthetic resin, varnish and plastics, oils, dyes, chemicals, etc. The subscribers are to appoint the first directors. R.O., 3-4 Great Winchester Street, London, E.C.

Algin & Co., Ltd. (P.C.).—Capital 11,000*l.* Objects: To treat seaweed and extract products therefrom, and to manufacture preparations from seaweed and the destructive distillation of carbonaceous combustible material and the utilisation of all sources for making compounds of potassium. R.O., 1 Alexandra Road, Penzance.

Morny Frères, Ltd. (P.C.).—Capital 51,000*l.* Objects: To take over the business of chemists, druggists, and perfumers, recently carried on by Morny Frères, Ltd., at 201 Regent Street, London, W., and elsewhere, etc. First directors are W. C. Johnson, F. N. Layman, J. Poole, and W. M. Hales. R.O., 201 Regent Street, London, W.

United Alkali Co., Ltd.—The directors have declared an interim dividend of 1*s.* per share, less income-tax, on the ordinary shares.

Price's Patent Candle Co., Ltd.—The directors have declared an interim dividend of 15*s.* per share for half-year to June 30 and a bonus of 5*s.* per share, less tax.

Birth.

Court.—At Canterbury, on July 21, the wife of Gunner S. G. Court, R.G.A., pharmacist, late of Hastings, and now on active service in France, of a daughter.

Marriages.

Blake—Armitage.—At Kirkburton, Huddersfield, on August 6, Harry Layton Blake, chemist and druggist, to Mildred Lee Armitage, Kirkburton. Address: Cartmel House, Kirkburton.

Macfarlane—Neill.—At Kinnettles Parish Church, on July 24, by the Rev. Maunsell Donald, Malcolm Macfarlane, pharmacist, Forfar, to Griselda Barclay, youngest daughter of James Neill, dancing master, Forfar.

Silver Wedding.

Gilderdale—Gibbons.—At St. John's Church, Wakefield, on August 7, 1893, by the Rev. John N. Arkell, Frederick Gilderdale, chemist and druggist, Sandal, Wakefield, to Lilian Gibbons, Love Lane, Wakefield. Present address: Treherne Road, High West Jesmond, Newcastle-on-Tyne.

Deaths.

Balcomb.—At 10 Suffolk Parade, Cheltenham, on July 24, Mr. John Balcomb, chemist and druggist, aged seventy-seven. Mr. Balcomb was in business before August 1, 1868.

Bletsoe.—At 16 The Green, Richmond, Surrey, on July 29, Mr. John Bletsoe, chemist and druggist, aged seventy-three.

Buddles.—At 46 Churton Street, London, S.W. 1, on July 30, Mr. William Buddles, chemist and druggist, aged fifty-three. Mr. Buddles, who served his apprenticeship at Newbiggin-by-the-Sea, qualified in 1888. He was subsequently assistant for several years with Mr. John Beddard, Churton Street, S.W., to whose business he succeeded in 1899. Mr. Buddles was held in the highest esteem by all who knew him; his genial ways and sterling qualities will long be remembered. He was pharmacist by appointment to His Majesty the King, and previously to King Edward VII.

Burnett.—At 45 Talbot Street, Southport, on July 26, Mr. Cecil Vaughan Burnett, chemist and druggist, aged thirty-four. Mr. Burnett served his apprenticeship with Mr. R. Lord Gifford, Ph.C., Blackburn, and gained further experience in Manchester. He qualified in 1905.

Pratt.—At "Brooklands," Newbury, on July 24, Mr. Thomas Henry Pratt, chemist and druggist, aged seventy-two.

Died on Service.

Smith.—Second-Lieutenant John Smith, King's (Liverpool Regiment), attached Devonshire Regiment, was killed in action in France on July 20, aged thirty. Second-Lieutenant Smith served his apprenticeship in pharmacy with Dr. J. F. Tocher, F.I.C., Ph.C., at Peterhead. He passed the Minor examination in 1910 and the Major in 1913, and was then for a time with Mr. F. R. Sergeant, chemist and druggist, Nottingham. His home was at Auchentrades, Lonmay, Aberdeenshire.

Southall.—Lieutenant W. Percival Southall, R.A.F., was killed in action on May 26, aged twenty. Lieutenant Southall was the only son of Mr. A. William Southall, Ph.C., Beech Hill, Edgbaston. He left school to join the O.T.C. of Durham University, and after training received his commission in July 1917. He went out to France last March. His commanding officer writes as follows concerning the circumstances in which Lieutenant Southall met his death: "A formation of six German machines was attempting to cross our lines to interfere with the work of our artillery machines in the neighbourhood when Lieutenant Southall, with great gallantry, attacked them single-handed. Two other machines went up to help, but were too late to prevent him being shot down."

Walker.—Private John Walker, East Lancashire Regiment, has died of wounds received in action. In civil life Private Walker was on the clerical staff of Mr. J. B. Wilkinson, manufacturing chemist, Dudley Hill, Bradford.

A Large Consignment of antitetanic serum has been sent to Germany by a Dutch company, says an Amsterdam paper.

Personalities.

Mr. Reginald Hunt Tootill, son of Mr. R. H. Tootill, Ph.C., Altrincham, has passed the Matriculation examination of London University.

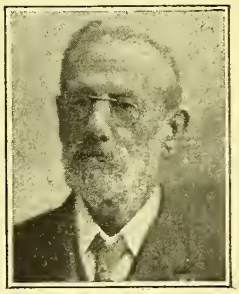
Dr. George Senter, Ph.C., head of the chemistry department of Birkbeck College, has been appointed Principal in succession to Dr. George Armitage-Smith, who has retired after filling the position for more than twenty years. Dr. Senter, who was Bell Scholar in 1895 and Pereira medallist in 1896, was formerly Reader in chemistry at St. Mary's Hospital Medical School, and in addition to important examining and tutorial posts in London University, was a member of the Senate.

Mr. James H. Macmillan, younger son of Mr. H. J. Macmillan, the English Pharmacy, Rosario, Argentina, has been awarded one of ten senior city scholarships at Liverpool University offered by the Liverpool Education Committee. He proposes to study for a degree in Science when war conditions permit. His elder brother has been in the Navy since the beginning of last year, having broken off his college studies in order to join. Mr. H. J. Macmillan and family are at present residing in Liverpool.

Mr. Charles Hamson, chemist and druggist, Cowgate, Peterborough, and High Causeway, Whittlesea, is Superintendent of a St. John Ambulance Division and Commandant of a V.A.D. A new military hospital has been opened in Peterborough, and he is in charge of a men's section run entirely by V.A.D. people. Mr. Hamson has just enjoyed a cycle tour through Warwick, Stratford-on-Avon, Leamington, and Oxford. He is now looking forward to the East Anglia rally at Cambridge on August 15.

Sir William A. Tilden replied in "The Times," August 6, to Lord Lansdowne's suggestions to "treat" with Germany before that nation has been defeated in battle. Referring to the German people, Sir William writes: "We hope for them such a change of mind and heart that they may cease to be the hereditary bondsmen of unscrupulous rulers, instruments of their ambition, and a standing menace to the rest of the world. But their clergy, their university professors, and others of their educated classes, and even their Socialist speakers in the Reichstag, have from the first accepted the deliberate atrocities committed by their Government without protest and consent to commemorate their misdeeds by striking medals, as in the case of the *Lusitania*. This does not look as though they were yet prepared to listen to representations from any quarter which does not possess the power to enforce them." Lord Lansdowne replied to Sir Wm. Tilden in "The Times" of August 7.

To Celebrate Mr. A. W. Musgrove's completion of fifty years' service with S. Maw, Son & Sons, Ltd., a meeting of the staff was held on August 1 at 7 to 12 Aldersgate Street, and was presided over by Mr. John Denton, Maw's senior employé, who has fifty-seven years to his credit. After reading a congratulatory letter from the general manager, Mr. A. F. Porter, who was absent through illness, the Chairman remarked that this was the fourteenth celebration of the kind at which he had been present, which fact alone spoke volumes in evidence of the good relations existing between the house of Maw and its employés. A handsome gold watch (accompanied by an illuminated address), the gift of the employés, was then presented to Mr. Musgrove. In returning thanks, Mr. Musgrove said that he joined the staff in 1864, and after two years left to enter the Manchester trade. Disliking it, he returned to Maw's in 1868, and has had charge of the returns department practically ever since. Mr. Musgrove also stated that his mother and aunt joined the staff in 1828 or 1829, the latter remaining as forewoman until some time after he entered the firm, thus showing a continuity of about ninety years' service by the family. He then referred to the members of the staff now holding responsible positions who had passed through his hands as assistants, one being Mr. L. G. Lawrence, who executed the address. Earlier in the day Mr. Musgrove was called to a meeting of directors, where he was presented with a cheque for a substantial amount, accompanied by many kind words of recognition of his long and faithful service.



Mr. A. W. Musgrove.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1917, p. 220.

(From "The Trade-marks Journal," July 10, 1918.)

"TARTOLA"; for food-substances (42). By A. Prescott, 1 Oswald Street, Hulme, Manchester. 383,469.

"DOUCE AMITIE" and "BRISE DU MIDI"; for perfumery, etc. (48). By the Erasmic Co., Ltd., Bank Quay, Warrington. 383,320/322.

"PULPON"; for perfumery, etc. (48). By J. & E. Atkinson, Ltd., 24 Old Bond Street, London, W. 1. 383,381.

Arabic symbolic device with characters "Gashi Wonan," meaning "Behold This One"; for chemicals (1), food-substances (42), goods (47), and perfumery, etc. (48). By Jurgens Colonial Products, Ltd., 74 Coleman Street, E.C. 2. 383,046/061/064/065. (Associated.)

(From "The Trade-marks Journal," July 17, 1918.)

Square-shaped device including pestle and mortar; for photographic chemicals (1). Square-shaped device; for chemicals (1), medicinal chemicals (3), and vegetable dyes (4). By Levinstein, Ltd., Blackley, Manchester. 380,806/808/807/809. (Associated.)

"SILCEMA"; for all goods (1). By P. D. Mitchell, Ltd., 4 High Street, Dundee. 383,618.

"SYNTHENE"; for chemicals (2). By Sarah H. Maconochie, 128 High Holborn, W.C. 1. 378,585.

"LINDOL"; for all goods (2). "Loo-Loo"; for all goods (3) and (47). By A. Carreras, 207 King Street, Hammersmith, London, W. 383,483/373/374. (Associated.)

"TRUCK BRAND" with picture of truck on rails; for disinfecting-soap and disinfectants (2), medicinal glycerin (3), and for a polishing preparation (50). By Tyson & Co., Ltd., 6 Blackstock Street, Liverpool. 383,091/092/093. (Associated.)

"AUTOGEN"; for all goods (2). By D. Brown, jun., 45 Hope Street, Glasgow. 383,513.

"VRAK"; for all goods (3). By Majon, Ltd, Newton Chambers, Cannon Street, Birmingham. 381,413.

"EMODELLA BRAND PURGATIVE"; for a purgative (3). By Gaba Aktiengellschaft, Rüdengasse, 1, Basle. 381,689.

"EKO BRAND EMBROCATION"; for an embrocation (3). By Cockburn & Co., Ltd., 130 Howard Street, Glasgow. 383,186.

"HAESINE"; for adhesives (39) and (50). By Allen & Hanburys, Ltd., 37 Lombard Street, E.C. 3. 383,449/450. (Associated.)

"SPIC-ERBO"; for all goods (42). By F. H. Lockyer Supply Co., Ltd., 56 Arley Street, Liverpool. 382,417.

"LIQUISAC"; for liquid saccharin (42). By T. Charlesworth, Murlewood, Laburnum Lane, Hale, Altrincham 383,182.

"LITTLE MISS MUFFETS TABLETS"; for rennet tablets (42). By Viking Rennet Co., Ltd., 19 Clapton Square, Clapton, E. 5. 383,413.

"COCOSOLINE"; for goods (42). By Bigland, Sons & Jeffreys, Ltd., 11 and 13 Rumford Street, Liverpool. 383,478.

"REGESAX"; for food-substances (42). By Regesan, Ltd., Trent Street, Nottingham. 383,479. (Associated.)

"LOOFAH" on floral device; for goods (47) and for perfumery, etc. (48). "FETISH"; for perfumery, etc. (48). By C. Thomas & Bros. Ltd., Bristol. 383,134/135/344.

"ST. GEORGE EAU DE COLOGNE" and signature for Eau de Cologne (48). By D. Bell Kidd, 3 Market Street, Highbridge. 383,886.

"CARESCA"; for perfumery, etc. (48). By A. E. Kelly, 76 Ratcliffe Terrace, Edinburgh. 383,234.

(From "The Trade-marks Journal," July 24, 1918.)

"W.B. MEASURE BRAND PHOTO CHEMICALS" on square-shaped device, including glass measure ("W.B." disclaimed); for photographic chemicals (1). By White Band Manufacturing Co., Ltd., 121 Selsdon Road, South Croydon. 382,365.

"LOLIN"; for all goods (2) and (47). "Loo-Loo"; for all goods (2). "ENOLIN"; for all goods (47). By A. Carreras, 207 King Street, Hammersmith, W. 6. 383/484/485/520/521. (Associated.)

"MAUVETTE"; for chemicals (2). By Burgundy Powder and Chemicals, Ltd., 1 Great Winchester Street, E.C. 2. 383,553.

"VERBALINE"; for chemicals (2). By Allen & Hanburys, Ltd., 37 Lombard Street, E.C. 3. 383,889.

"K A R" forming device on shield; for goods (3). By G. G. Davidson, 7 Lothian Road, Edinburgh. 378,187.

"URSIFOLIN BRAND MEDICINE" and "UVAFOLIN BRAND MEDICINE"; for medicines (3). By Society of Chemical Industry in Basle, 141-227 Klybeckstrasse, Basle. 382/711/712. (Associated.)

"O L O"; for medicinal chemicals (3). By P. E. Derrick Advertising Agency, Ltd., 34 Norfolk Street, Strand, W.C. 2. 383,169.

"DUROPRENE"; for all goods (3, 11, 16, 17, 36, 37). By the United Alkali Co., Ltd., Pier Head, Liverpool. 383,769/770, 383,771/772/773/774.

"ULMINITE"; for explosives (20). By Roburite & Ammonal, Ltd., 103 Cannon Street, E.C. 4. 383,745.

"SUGAROID BRAND P G DALES" on oblong label ("Sugaroid" disclaimed); for sugar-substitutes (42). By P. G. Dales, 8 Barnsley Road, Stairfoot, Yorks. 381,958.

"CHILDREN'S FRIEND" on sack carried by Father Christmas; for all goods (47). By J. Hargreaves & Son, Ltd., 81 Binns Road, Edge Lane, Liverpool. 382,425. (Associated.)

"BOUQUET DES BOIST" and "BOUQUET DE FETE"; for perfumery, etc. (48). By C. Thomas & Bros., Ltd., Bristol. 383,161/2.

"LENA"; for toilet-creams (48). By L. W. Jenkins, 18 Buckingham Palace Road, S.W. 1. 383,319.

"KORA-NA-IND"; for hair-dyes (48). By Barclay & Sons, Ltd., 95 Farringdon Street, E.C. 4. 383,515.

Trade Notes.

PACKED HERBS.—The price of herbs in packets sold by Potter & Clarke, Ltd., 60-64 Artillery Lane, London, E., have been revised. The new prices are 2*d.* retail, 1*s.* 5*d.* per doz., or in gross lots 16*s.*

EASTERN FOAM.—The British Drug Houses, Ltd., 22-30 Graham Street, City Road, London, N. 1, announce that the prices of Eastern Foam have been advanced as from August 1 to 1*s.* 4*d.* (P.A.T.A. minimum retail), and 11*s.* per doz. wholesale. The supply of the Foam is not unlimited.

A TRADE CIRCULAR out of the ordinary rut has been produced by H. E. Stevenson & Co., 122 Great Suffolk Street, London, S.E. 1. We have before drawn attention to the novel methods which this firm adopts in addressing customers, but as the trade circulars are sent only to overseas customers many in this country have not had the advantage of the sage advice and remarks which are wrapped up with the commercial information. This week, however, the firm are printing in our advertisement pages the August circular, and it is particularly interesting from the fact that it deals with the anniversary of the declaration of war and the future policy of the Allies.

DUMA'S EAU DE COLOGNE.—In the early days of the war many excellent varieties of eau de Cologne of British or Allied manufacture were to the fore. Many of these have made a reputation as being better than the German product, with the additional advantage of being free from enemy taint. This week Chas. Midgley, Ltd., 5 Mayes Street, Manchester, introduces to our readers the eau de Cologne made by Duma et Cie., Paris, for which it is boldly claimed that cheapness has not been the object in view in producing it, but that it has been manufactured so as to obtain a product with the finest bouquet. We have examined a sample of the eau de Cologne, and are satisfied that it is all that is claimed for it. Moreover, the product is packed in a first-class manner, so that it can be sold by chemists with every confidence. Messrs. Midgley announce in their advertisement in this issue that they are allowing a bonus on 5*l.* window-display orders.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

140/33. "Ferapiol"
140/33. "Euraseptine"
144/53. "Evans' "Eumonine"
145/58. Alexander's corn files; actual makers

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C. 4:

Adams' pepsin gums, 139/4
"Aletris Cordial," 135/57
"Alexine," 135/57
Angiers' throat tablets, 136/42
"Antiphlogistine," 136/18
Bladderwrack, 135/30
"Brighton" hair-restorer, 139/23
"Bromidia," 135/57
"Bromo Adonis," 142/22
"Bromo Seltzer," 135/57
Carter's "Throxaline," 139/23
"Castols," 135/57
Claire's grease-paints, 136/661
"Charmides," 143/58
Chemists' overalls, 144/52
"Creme de la Reine," 136/66
"Cutex," 139/25
"Cystopurin," 135/57
Dial, 142/22
"Dorin" face-powder, 136/18
Fellows' syrup, 139/4
Formamint tablets, 139/4
"Gladclif" medicated shirt, 140/32
Herogen, 139/24
Honey, 137/25
"Infantina," 135/57
"K.C." tablets, 138/7
"Kensol" disinfectants, 136/39
"Kurmange," 142/52
Laxative bromoquine tablets, 135/57
Leeches, 138/59
Listerine, 135/57
Litmus, 144/51
Luetin, 144/55
Manna flake, 138/58
Neurovim tablets, 135/66
"Nikalgin," 143/58
Persperine, 136/662
Radium water, 189/27
"Resinol" ointment, 135/57
Saccharin, 137/25
"Sanitol" toilet specialties, 136/660
Schiffman's asthma cure, 135/57
Seabury's corn-plasters, 139/23
"Stannoxyl" tablets, 136/18
Tablet-making machinery, 144/21
Thackray's aseptic first-aid cabinets, 138/21
Waterbury's cod-liver oil, creosote and guaiacol, 136/61
Williams' shaving soap, 105/11
Yonkerman's tuberculozyne (for Demerara), 139/29

Observations and Reflections

By Xrayser II.

The Jubilee of the Pharmacy Act,

which provided for the compulsory education of the pharmacist, synchronises almost exactly with the passing of another Act which has for its object the enforcement of a better education upon the country at large; and by no class of the community has the new Act been more warmly welcomed than by us, nor has any other body shown a greater readiness to utilise and apply it. That we hope to gain a peculiar advantage by it when its provisions come fully into force may perhaps partly account for this, but I am persuaded that the experience of the last fifty years has begot in us something more than an interested regard for education; it has enlarged our ideas and our outlook; education is no longer for us merely a means to an end, but an end in itself, though not, it must be confessed, to the extent that it ought to be. This was, of course, the case with the first founders of the Pharmaceutical Society. They expected an advantage to themselves from the education demanded of members of the Society, but they had a sincere love of knowledge and the culture it brings, apart from any material gain thereby. But I cannot say that in 1868 this feeling was prominently in evidence among chemists and druggists generally. They were well enough disposed (if in business) to accept the educational requirements of the Act as a *quid pro quo*, but they neither felt the need of a better education for themselves nor desired in their assistants one better than they themselves possessed. It was, generally speaking, a positive disadvantage to an assistant seeking a situation that he had passed the Major, and the utility of the Minor was regarded as questionable in itself, though it had the advantage of qualifying a man to be left in charge. I am saying no more than my own experience warrants, and my experience varied from Piccadilly to Little Pedlington. There has been a considerable change of feeling since then, and there has also been a corresponding change in our standard of professional honour. I do not say that the standard is now any higher than it was then among a select few, but it is much more universal.

The Action of Elliman, Sons, & Co.

in their quarrel with the Proprietary Articles Trade Association will be as much resented by the retail as it has been by the wholesale section of the trade, and it is difficult to see what object the firm has in thus imperilling the goodwill upon which they must to some extent depend. This is not, moreover, the first time that they have shown us the high hand. Whilst admitting our right to exist, and to receive some sort of remuneration for our services to themselves and the public, they spoke, even in the circular of 1903 from which you quote, as if it rested with them to determine what that remuneration should be, and their subsequent action showed a dwindling sense of our value and an entire disregard of our own opinion upon the subject. They have in fact treated us as servants whose wages they may fix without consultation or agreement with us; they have refused to come into line with the great body of proprietors, but have stood upon their own bottom, with the simple formula, "Take it, or leave it." That we have submitted for so long to such treatment from this and some other firms speaks volumes for our patience but little for our courage and nothing at all for our self-respect.

Expensive Articles

are usually longer in stock than inexpensive ones of the same kind, and the rate of profit they bear should therefore be higher. Correct Mr. Humphrey's remark to "the longer an article is likely to be kept in stock the greater its apportionment of overhead charges should be," and the objection Mr. Philip takes to it vanishes. The rule determining the rate of profit applies to it for the same reason, and so does the apportionment of overhead charges, which is the chief factor in the determination of the enhanced rate of profit. Of course it is impossible to arrange this with certainty: one is guided in this as in so many other matters by probability. I am glad that Mr. Philip agrees with my main contention: I think that logically he should also agree with Mr. Humphrey.

Business,

says a newspaper-writer in search of a stick to beat a "business Government" with, is to a great extent the art of selling the public things it does not want; and this, he declares, is equally true whether we mean unnecessary things or "just as good" things. In illustration of the latter point he refers to the chemist who thrives by substituting (by which he means recommending) his own goods when others are asked for, arguing that though in some cases the "just as good" plea may be true, yet since self-interest is the seller's motive his action is suspect, and may reasonably be held to brand him as a descendant of the Mr. Pinchbeck who immortalised his name by giving the world a sort of brass that looked like gold. The inference is as false as the premisses. Business does *not* consist in selling what is not wanted, but in providing by anticipation what is needed—a very different thing—and the fact that self-interest influences the seller, as it does everybody else, is *not* the reason why shams are sometimes substituted for genuine articles. It would be much truer to say that the search for substitutes is the secret of economic progress and the satisfaction of the needs of the public of which business mainly consists. No reason can be adduced for the assumption that the original article is better than the substitute, and the fact that the demand for it depends very largely upon advertisement is not entirely in its favour. Nor is the salesman more influenced by self-interest than the original maker, and therefore more likely than he to make false statements. The plain fact is that every substitute must be judged on its merits as compared with those of the original article, and there is no infallible presumption in favour of either.

"From War to Work,"

by Mr. Samuel Turner (Nisbet & Co., Limited, 1*s*. 6*d*. net), though a small book, contains a great deal of matter. Like the rest of the series to which it belongs (The Library of Reconstruction) it has a very practical aim. Briefly stated, its aim is to induce in us when the war is over the same productive energy and the same national consciousness that we have shown in the prosecution of the war and the provision of means for carrying it on. Before the war we had, says Mr. Turner in effect, grown lax, careless, idle, luxurious, and something very like national disintegration had set in. The war has temporarily saved us from this, but our salvation will be but temporary if when the war is over we relapse into the old carelessness. The value of the book, however, lies in the vigour and cogency with which the writer addresses himself to what he calls (somewhat unhappily I think) the "Peace offensive" in theory and practice. This consists in an increase of production, not primarily for profit (though while human nature is what it is this stimulus to production cannot be ignored), but for the multiplication of commodities. Facts are adduced from the statistics of German, Belgian, and American industries, to show that if our "peace offensive" were to engage our whole powers as the war has done we could double or more than double the productiveness of our agriculture and other industries, and at the same time lessen our labour and greatly increase the comforts and amenities of life. The three great requisites are science, machinery, organisation. In respect to all of these we were, says Mr. Turner, fifty years behind Germany and America when the war began, yet we are as capable of profiting by them as either. Mr. Turner is a thorough individualist though he believes in co-operation. Neither the nationalisation nor the municipalisation of industry can in his opinion compete with personal genius and energy. He is equally strong in his belief in the social value of profits, and the necessity of private capital; his defence of the latter is indeed one of the most powerful passages in his book.

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(FLUID, POWDER, AND HARD, SOFT AND TOILET SOAPS).

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"Sanitas Fluid" No. 2 (Crude). Non-poisonous, disinfectant and deodorant.
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"Sanitas Sypol" (Improved Lysol.)
"Sanitas Sulphur Candles."
"Sanitas Formic Sulphugators."
"Sanitas Formigators."
"Sanitas Drain Testers."
"Sanitas Polishes."
} Kingzett's Patents.
"Sanitas Distemper" for walls.
"Sanitas Creoleum" (wood preserver).
Peroxide of Hydrogen (Kingzett's Preserved).

THE "SANITAS" CO., LTD.,
Locksley Street, Limehouse, LONDON, E. 14.

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JAS. BURROUGH, LTD.,
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THE CHEMIST & DRUGGIST (Book Dept.), 42 Cannon Street, LONDON, E.C. 4.

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PHARMACEUTICAL PREPARATIONS.
Tinctures, Ointments, Pills, Tablets, Suppositories. Standardised and Clinically Tested Galenicals, &c.
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X-Ray and Electro-Medical Apparatus, Dressings, &c.
AERATED BEVERAGES.
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IMPORTANT NOTICE.
Harrison's Pomade.
The P.A.T.A. Price of the above from Aug. 1 will be
6d. & 1/- Retail. Wholesale Price, 53s. 4d., 106s. 8d. per gross.
Subject to 10% Discount for cash with order on one gross and upwards, carriage paid.
SHOWCARDS supplied when asked for.
GEO. W. HARRISON, Manufacturing Chemist, Reading.

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Can now guarantee immediate delivery.
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Editorial Articles.

Customs and Excise Report.

The eighth report of the Commissioners of Customs and Excise for the year ending March 31, 1917, was issued this week. During this period the payments into the Exchequer from customs and excise revenue were: customs 70,710,000*l.*, excise 56,488,000*l.*, a total of 127,198,000*l.* The budget statement for the year 1916-17 had estimated that 136,000,000*l.* would be obtained, the deficit being mainly in excise and owing to modifications introduced while the Finance Act was passing through the

House of Commons. Amongst the deficits we notice that table waters and cider produced 759,000*l.* less than anticipated, and cocoa 320,000*l.* less. Sugar duties were much less owing to shortage of supplies, and spirit duties shrank because of the check upon uses which the high prices caused. The report contains some interesting tables. For instance, the following shows the number of licences issued to makers or vendors of patent medicines and the amount of duty collected :

Year ended March 31	England		Scotland		Great Britain	
	No.	Amount	No.	Amount	No.	Amount
		£		£		£
1913 ...	39,849	9,963	3,269	817	43,118	10,780
1914 ...	39,914	9,980	3,242	811	43,156	10,791
1915 ...	39,492	9,876	3,239	810	42,731	10,686
1916 ...	39,122	9,779	3,248	814	42,370	10,593
1917 ...	37,547	9,384	3,177	794	40,724	10,178

The net receipt of medicine-stamp duty is as follows :

Year ended March 31	England	Scotland	Great Britain
	£	£	£
1893	325,420	2,899	328,319
1914	357,570	2,807	360,377
1915	331,033	2,744	333,777
1916	617,879	9,575	627,454
1917	726,894	6,049	732,943

It should be noted that the duties were doubled from October 20, 1915, and that, contrary to prediction, the sale of patent medicines has been fully maintained. The amount of revenue obtained is now very large, and this has the advantage of making it difficult for the doctors to continue their efforts to injure the sale of proprietary articles. The shrinkage in the amount of spirits retained for consumption in the United Kingdom was considerable, being 11,601,346 proof gallons less than in 1916. This does not include spirits delivered for methylation or use in the arts and manufactures. The quantities dealt with under these headings are very large. For instance, 8,542,101 proof gallons of spirits (chiefly home-made) were received by makers for methylation—6,763,563 proof gallons for industrial spirit and 1,778,538 proof gallons for mineralised methylated spirit. There were actually sent into consumption 5,179,051 bulk gallons of methylated spirits during 1917. The amount of pure spirit used in connection with arts and manufactures under the Finance Act 1902 was 13,862,205 proof gallons, 4,570 proof gallons being used in universities, hospitals, etc. The amount for arts and manufactures is altogether abnormal, some thirteen million gallons probably being used in connection with munitions of war, and drugs, etc., for Government purposes. Some interesting particulars are given as to the uses to which the mineralised methylated spirit was put, the following being examples :

	Gallons
Ether	266,713
Chloroform	33,681
Ethyl chloride and bromide	6,524
Solid medicinal extracts	42,582
Alkaloids and fine chemicals	75,862
Embrocations, liniments, and lotions	41,861
Surgical dressings	13,192
Capsules and other medicinal appliances ...	2,338
Hair-washes	38,628
Cattle-medicines	3,007
Plant-washes, insecticides, and sheep-dips ...	6,561
Photographic manufactures	40,530
Solidified methylated spirit	46,326
Collodion	19,368
Disinfectants...	2,805
Analytical and scientific purposes	6,914
Hospitals and infirmaries...	67,932

These are in addition to the more usual articles of manufacture (varnishes, oil-cloths, explosives, etc.) in which the spirit is employed. On March 31, 1917, there were 137,749,591 proof gallons of home-made spirits in bonded warehouses, which is less than on the same date in 1916, but still a very considerable reserve. It is interesting to observe that Canada sent 788,909 proof gallons of spirit to this country during 1916-17, which is more than we received from the United States. Referring again to the use of alcohol for industrial purposes, we note that a number of new applications were made for permission to receive alcohol for use in the manufacture of fine chemicals, among these being antipyrine, emetine, ethyl malonate, ethyl orthoformate, formaldehyde, methyl iodide, sulphate and oxalate, phenacetin, salvarsan, sulphonal, trional, urea, and veronal. These chemicals were either not made at all or only in small quantities in this country prior to the war. During the year 1916-17, 352,648 oz. of saccharin and saccharin mixtures was imported, the amount of duty paid being 72,103*l.* The net receipt of duty from table waters and herb beer was 1,170,801*l.*, the chief item being sweetened table waters, of which 46,850,466 gallons was charged for duty. The quantity of unsweetened table waters upon which duty was paid was 11,146,636 gallons, whilst 2,200,680 gallons of herb beer contributed 18,339*l.* to the revenue of the company. The figures do not cover a complete year. There are 4,901 licensed manufacturers of table waters.

The Arsenic Industry.

Under the stress of war requirements the arsenic industry, like many other products, has shown a considerable expansion compared with its restricted output in pre-war times. Although no reliable statistics are obtainable from the various producing countries, it may be safely assumed that the world's output has been more than doubled since 1913, the year before the war. This, nevertheless, has been accompanied by a gigantic advance in prices within the war period. As already stated in The Chemist and Druggist not long ago, there is not much doubt that the arsenic boom reached its zenith in the earlier part of the year, when best Cornish white powder touched 150*l.* per ton, delivered London. The following record of prices from the lowest that one can remember in the trade in pre-war times, namely, 8*l.* per ton, is of interest, and gives an idea of the remarkable lift in values :—July 1914, 13*l.*; January 1, 1915, 19*l.*; December 31, 1915, 30*l.*; Jun 30, 1916, 35*l.*; December 1916, 45*l.*; July 31, 1917, 110*l.* From the extreme figure of 150*l.* reached this year as already mentioned, the price has relapsed of late down to about 94*l.*, when the demand came practically to a standstill, but the market now again appears to be rallying, as there is a little more confidence on the part of buyers, chiefly because of the more restricted offers on foreign account, whereby the demand for the Cornish product is assuming more importance. Shipping restrictions obviously tend to retard further importations, but there has been, nevertheless, a sufficient increase in the world's production to act as a restraint upon possibilities in the way of a substantial renewed recovery. Cornish producers, all the same, recently expressed the opinion that the average price for the current year will not be less than 100*l.* per ton, although they endorse the view that the high-water mark has been seen. While the high prices secured against the contracts entered into in the early months of this year leave home producers an enormous margin of profit, the product is still being delivered at the considerably lower figures on contracts that were booked last year and still outstanding. Many years ago Cornish tin-mining properties made the best of what they could secure for their output of soot as a by-product, as the outlet for this was then relatively small. Subsequently, the process of refining their soot was undertaken and has proved a great success, while high-purity arsenic is now being produced, the quality of which compares favourably with that from foreign sources. The Cornish industry has been placed

upon a sound and very profitable commercial basis, although apprehensions were at first felt that difficulties would be encountered.

The following are returns of the United Kingdom output so far as we have been able to trace during recent years:—1914, 1,974 tons; 1915, 2,496 tons; 1916, 2,534 tons.

The United States production is apparently larger than that of any other countries, the returns for seven years being as follows:—

	1910	1911	1912	1913	1914	1915	1916	1917
Short tons ...	1,497	3,132	3,141	2,513	4,670	5,498	5,966	7,200

In spite of the steady increase indicated by these figures, the United States is still dependent on considerable imports to fill her requirements, as would appear from the Geological Survey estimates, according to which her consumption is at the rate of about 12,000 short tons per annum, while the annual average resources for the six years, inclusive of 1916, were about 8,150 short tons. Owing to last year's special demand, the total supplies which became available during that year amounted to not far short of 10,000 tons. The quantities that were required for the manufacture of insecticides this year before June last were estimated at 6,900 tons. The needs for sheep-dip are placed at fully 1,000 tons. In regard to the outlet for war purposes the demand in the course of the current year has probably been materially increased as on this side, but no particulars have been disclosed under this heading. The American imports of arsenic and arsenic compounds for ten months in 1917 were nearly 4,000 tons, against 2,163 tons in the previous period, the increase being the outcome of a resumption of mining operations in Mexico and consequent renewal of imports from that country after an interruption of a year. The Mexican product is refined locally by the Chapman Chemical Company. Important developments in regard to plant extensions have also taken place at Great Falls in Montana, where arsenic is being recovered from the accumulated flue dust at the big copper smelting and refining centre. But even so, there is yet need for a further expansion of production in the United States in order to keep pace with the large domestic needs. A certain amount of arsenic comes over the border from Canada, but imports from other foreign sources into the U.S.A. are of no special importance. Prices of white arsenic in America last year reached as high as 20 cents per lb., but in spite of the continuous rise on this side, the market reacted downwards in the latter part of the year to about 15½ cents. Deliveries, nevertheless, fell short of the specifications against current contracts. A greater saving was urged by the Food Administration, which assumed charge of the industry on November 15 last. It is estimated by a trade authority that about one-third of the American production is absorbed by the glass-making industry as a substitute for antimony oxide, under normal conditions presumably; but it may be pointed out that whereas the price of antimony oxide was at one time considerably higher than that of arsenic, precisely the reverse has been the case for some time past. Prospects as to the development of production in Australasia are regarded hopefully according to recent advices, while encouraging results appear to have been already obtained so far, in spite of transport difficulties. The price in Australia has naturally risen considerably to over 80*l.* per ton, which has caused complaints on the part of the Government authorities and agricultural interests. A plant is reported to have been created in Queensland to exploit resources from the Stanhope mining properties, where material averaging about 98 per cent. can be produced at about 20*l.* a ton, thus leaving a very substantial profit at the present price. Australasian arsenic varies from about 97 to 99 per cent., and supplies have been dispatched to this country in fair quantities. Portugal is a comparatively old-producing country, but Japan and Greece, whose production has already assumed no little importance, seem determined to push operations as much as possible. Therefore, it is to be presumed that fairly keen competition will be encountered from these sources. France is also a large importing country, where buyers seem disposed to pay comparatively high prices for high-percentage arsenic.

Enemy Trading.

The Comptroller-General of the Patent Office, referring to Government notice regarding fees and agents' charges in respect of patents, designs, and trade-marks (*C. & D.*, July 20, p. 33), has made the following significant announcement:

In view of this Order, no further proceedings of any kind will be permitted from this date in connection with applications for patents, or applications for the registration of designs or trade-marks by alien enemies.

We now await an announcement regarding the expiration of enemy patents. Will these become public property so soon as the period expires for which fees have been paid, or will the Public Trustee, in whom the patents are vested, maintain the patents by paying the fees as they are due?

Jury Service.

In accordance with Section 6 of the Juries Act, 1918, an Order in Council has been issued modifying certain provisions of the Juries Acts, 1825 and 1862, so as to avoid unnecessary expense and labour in preparing jury lists. The overseers may issue a corrected copy of the jury list in force for the current year, with a supplemental list to include the names of all persons qualified and liable to be included in the jury list, whose names are not included in the existing list. Instead of affixing a copy of the jury list upon the principal door of every church, chapel, and other public place of religious worship in the manner prescribed by the Juries Act, 1825, the overseers shall, before the first Sunday in September, deposit the jury list at a suitable place in the parish where it can be inspected, and a notice to the effect that the list is open for inspection must be affixed, on the first three Sundays in September, to the principal door of every church, chapel, or other public place of religious worship within the parish or township. Every inhabitant of the parish or township shall at any time during the first three weeks in September be entitled to inspect the jury list free of charge. The schedule of the Order consists of the precept for returning the list of jurors. The overseers are directed in preparing the list to omit the names of certain persons, among these being "Apothecaries certificated by the Court of Examiners of the Apothecaries' Company, and all registered medical practitioners and pharmaceutical chemists, if actually practising as apothecaries, medical practitioners, or pharmaceutical chemists respectively." The liability to jury service was extended by Section 5 of the Juries Act, 1918, to persons between the ages of sixty and sixty-five.

The Title "Chemist."

In the early part of last year we called attention to the movement which was being engineered by professional chemists to endeavour to obtain a monopoly in the English word "Chemist." We are glad to think that our action in turning a searchlight on the underground intrigues that were being conducted had the effect of safeguarding the rights of chemists and druggists to their historic title. An echo of the movement reached Australia, where an endeavour has been made to obtain for analysts the title "Chemist" by agreement with pharmaceutical chemists. This action resulted in a Conference between representatives of the Victorian Branch of the Australian Chemical Institute, the Pharmacy Board of Victoria, and the Pharmaceutical Society of Australasia, the object of which was to discuss the question of the monopoly of the title "Chemist," and conversely the terms upon which pharmaceutical chemists would be admitted to membership of the Chemical Institute. Professor Masson, who presided at the Conference, said it was the wish of professional chemists that they should secure the right to the sole use of the word "Chemist," but he added he realised that there are difficulties in the way of securing this. Dr. S. Plowman, who is a Pereira medallist of the Pharmaceutical Society of Great Britain, was one of the speakers at the Conference, and he suggested that the Institute should take over all the titles having qualifying adjectives before the word "Chemist" other than those used by pharmaceutical chemists. This proposal the meeting agreed to as being a practical one. A Bill embodying this suggestion is to be drafted.

Prices of Proprietary Articles in America.

The "Board of Trade Journal" calls attention to the controversy in the United States over the question of the right of manufacturers, wholesalers, etc., to fix resale prices at which their articles could be sold, and the right to maintain such resale prices. The question whether such right exists has been brought before the Federal Trade Commission, and the Commission has disposed of the first of these cases by issuing an order which forbids the company to: (*a*) Indicate to dealers the prices for which its proprietary or patent medicines shall be resold. (*b*) Secure agreements from dealers to adhere to such prices. (*c*) Refuse to sell to dealers who fail to adhere to such prices. (*d*) Refuse to sell to dealers who fail to adhere to such prices upon the same terms as dealers who do so adhere. (*e*) Furnish any advantage to dealers who adhere to the resale prices, while refusing similar treatment to dealers who do not adhere to the prices. This order of the Commission follows the decision of the Supreme Court of the United States in another case lately decided by it. After full consideration the Federal Trade Commission has decided to issue complaints against all business concerns who refuse to sell unless the purchaser will agree to maintain a resale price fixed by the seller. When once an article has passed from the maker to a purchaser, he owns it, and the owner of such article may sell it at any price that he chooses provided he does not himself sell it at such price as to be below cost, and thus thereby enter into unfair competition with other retailers selling the same article. The matter rests upon a different basis in this country.

Milk-sugar Controlled.

Last week we mentioned (p. 49) that after August 1 a licence will be required to import milk-sugar into the United Kingdom, and that on and after August 15 a return has to be furnished to the Ministry of Food (Milk Section) showing the quantity purchased for shipment to the United Kingdom, but not shipped before August 1, and the quantity thereof sold and unsold. The above conditions are contained in the Milk Products (Import Restriction) Order 1918, and dated July 20. The schedule also includes condensed milk (other than canned condensed milk) and dried milk. Since the above Order has appeared we understand that licences to import have been refused, and the Food Controller has informed importers that the Government propose to purchase and import on their own account, so that it is not desired that there should be any private importation. When the arrangements for Government purchase and distribution are completed, a notice will be issued advising importers as to the procedure to be adopted in order to obtain supplies. Doubtless, the Government will fix a price at which they will sell their supplies, but, judging from previous experience, once an article is Government-controlled, the importers' attitude is one of indifference, so that actual users will have to depend largely on Government importations. It is possible the price to be fixed will be substantially lower than it is now, and this accounts for the recent selling of a large quantity by importers at a comparatively low figure. It would seem necessary to have more publicity on these Government purchases of medicaments for resale at a profit, as the business is assuming vast proportions. In order to make a profit it would be necessary for the Government to add at least 10 per cent. to their purchase price in order to meet administration expenses of the horde of officials, and there is always the possibility of the Government being "landed" at the termination of the war with high-cost stocks.

How not to Spell It.—In reporting the Ilford tragedy the lay Press of London discovered some quaint ways of spelling the names of the poisons mentioned. A few may serve as examples: Hyosine ("Times"), hyosine, hyoscin ("Evening Standard"), hyoscein (hydro bromide) ("Daily Telegraph"), hyoscin (hydro-bromide) ("Daily News"), hyoscein (hydro-bromide) ("Weekly Dispatch"), hyocin hydrobrom ("Morning Advertiser"). Some papers describe the acid used as "Shield's"; the majority, however, discreetly confine themselves to "prussic acid."

Pharmaceutical Society of Great Britain.

Council-meeting.

A Meeting of the Council was held on August 7 at 16 Bloomsbury Square, London, W.C. The chair was occupied by Mr. W. L Currie (the President), and all the Councillors were present.

Confirming the Minutes.

Arising out of the minutes, Mr. Sargeant raised the point as to whether the decision of the Council to deal with the appointment of Secretary and Registrar in committee was arrived at by the casting vote of the President. The President pointed out that previous to giving his casting vote in favour of the matter being dealt with in committee he had not recorded his vote either way. In these circumstances he could not see how it could be said that he gave a casting vote. After some discussion, it was agreed that an instruction be given to the Secretary that in future, in the event of the President declaring an equal vote on any matter, he should record in the minutes that the President gave his casting vote in favour or against the proposition to which the division related.

Mr. Skinner stated, with reference to the part of the minutes which related to military service, that a good deal of confusion appeared to exist in the minds of the representatives of the National Service regarding the posting of qualified dispensers who had been called up for military service. The War Office had apparently given authority to various centres to decide as to where these men were to be posted, but the National Service Representatives knew nothing about that authority. Consequently, when a man joined up he was posted exactly as the War Office arranged. His suggestion was that if a pharmacist applied he should receive from the Society a communication showing that he was qualified, and should be sent to a centre and to work where his qualifications would be properly utilised.

The Secretary replied that there were a number of cases where pharmacists or their assistants had written and asked that their status should be properly defined, in view of the regulation that those who had the qualification should be sent into the R.A.M.C. as dispensers. The Society had always given a man so applying a letter indicating what his position really is, and they would be glad to do this in any case where application is made.

Mr. Rowsell remarked that it was not for the National Service Representative to post a man. That duty rested with the Army authorities.

The Secretary agreed, but pointed out that it was sometimes useful for the National Service Representative to know to what a man's services were to be devoted when he was called up.

The minutes were then confirmed and signed by the President.

Welcome to Secretary and Registrar.

The President pointed out that that was the first occasion on which Mr. Glyn-Jones had publicly appeared as Secretary and Registrar of the Society. He, as President, expressed the sentiments and feelings of every member of the Council when he said that they were extremely gratified to find Mr. Glyn-Jones in that position, and promised to accord to him every possible help and assistance in the discharge of his duties. (Applause.) They were extremely fortunate in overcoming the difficulties which had been created, and to which he was not going to refer, and he thought they had a gentleman occupying the Secretary's chair who would devote his best energies to the service of pharmacists throughout the country. (Applause.) He, as President, had been rather pained in reading certain items in the Press relative to friction which was alleged to have existed between certain members of the staff. He desired to avail himself of that opportunity to publicly and flatly contradict the statements which had been made in that direction. No such thing as friction existed between members of the staff in the office of the Society.

The Secretary, acknowledging the welcome expressed by the President, said he esteemed the position he now occupied as one of honour and of opportunity to serve pharmacy. He hoped, in the conduct of the duties of the office, that he should be able to demonstrate that he did so appreciate it. He was sorry that, owing to a suggestion of his, a slight suspicion should have been anywhere raised that there was the least lack of loyalty or sympathy on the part of members of the staff. The suggestion he had made with reference to the staff was made entirely on his own initiative, and when he discussed it with the staff it was

received with complete acquiescence. So far from there being the least ground for the suggestion that friction existed, he assured the Council that the contrary was conspicuous in the case. (Hear, hear.)

THE "CODEX" COMMITTEE.

There was one question submitted. It came from Mr. SKINNER, who asked, "When was the Codex Committee appointed, and by whom?" The reply to this, read by the SECRETARY, was that that Committee is a Sub-Committee of the Scientific Advisory Committee, and was appointed in October 1914. The Scientific Advisory Committee had each year since been reappointed, but reappointment of the Sub-Committee had not taken place each year. The Sub-Committee had since 1914 carried out certain revision work, and had been called together by the President of the Society from time to time when matters with reference to modification of official and other formulæ were necessitated by the circumstances.

Mr. YOUNG urged, as a matter of importance to the Council, that they should have an exact official definition of the difference between tweedledum and tweedledee. (Laughter.)

ELECTIONS AND RESTORATIONS.

The SECRETARY reported that thirty-one persons, having tendered their subscriptions for the year, had been elected members of the Society; twenty-six had been elected student-associates; three, having made the required declaration and paid the restoration-fee, had been restored to the Register of Chemists and Druggists; and forty-three had been restored to the Society on payment of the current year's subscription. There had been thirty-seven persons registered as apprentices or students.

VENEREAL DISEASES.

The Secretary read a letter, dated July 17, from the National Council for Combating Venereal Diseases, asking that one of the Society's representatives should act in his individual capacity as a member of the Propaganda Committee of the National Council. It was mentioned that Mr. Rowsell and Mr. White at present represent the Society on the National Council.

Mr. PARRY inquired if the Council of the Society would be prepared to support the propaganda of the Committee to which a representative was asked to be appointed.

Mr. ROWSELL replied that no answer could be given to such a question until it was known what the propaganda proposed.

On the suggestion of Mr. KEALL, it was agreed that it should be left to Mr. Rowsell and Mr. White to decide between themselves as to which of them should serve in the capacity mentioned in the letter.

REFUND OF LIFE-MEMBERSHIP FEE.

A letter, written on behalf of the widow of a former life member of the Society killed on active service, making application for the refund of a portion of the life-membership fee, paid in 1914, was read by the Secretary. It stated that the business owned by her deceased husband had been practically closed since last September, and that his widow was unable to carry it on.

Mr. SKINNER pointed out that the Council could not legally conform to the request, but suggested that the Benevolent Committee should take into consideration the question of paying to the widow an amount equivalent to what she asked for.

The suggestion of Mr. Skinner was agreed to.

DANGERS OF UNQUALIFIED DISPENSING.

A letter was read from the Public Pharmacists' Association, drawing attention to a case of poisoning by carbolic acid at a camp hospital (*C. & D.*, July 13, p. 34). The poison was supplied in a vessel labelled "Quinine mixture" by an unqualified person. The communication suggested that the case should be brought to the notice of the Army authorities, together with the remarks made by the jury and coroner, and pointed out the dangers of dispensing by unqualified persons, which was detrimental to the interests of pharmacists engaged in institutional or retail practice.

Mr. JENKIN stated that there is a strong feeling against unqualified dispensing, and he thought the Council should place on record their strong deprecation of the practice. With a view of strengthening the hands of the Society's officers in future negotiations with Government Departments regarding this important matter, he would move:

"That the attention of the Council of the Pharmaceutical Society of Great Britain having been drawn by the Public Pharmacists' Association to the case of poisoning with carbolic acid at a camp hospital, and calling attention to the employment of unqualified dispensers, places on record its emphatic protest to the employment, with a false view to economy, of untrained and partially trained dispensers by various departments only responsible to the Government, with the consequent endangering of the lives of those engaged in our fighting Forces and those members of the civil community whose medicines are so provided."

Mr. SKINNER expressed a desire to second the resolution, if it were in order. There was a good deal of unqualified dispensing, with very little supervision, and it was only right that the Council should take drastic action in order to define the position of the craft.

The PRESIDENT did not regard the resolution as being in order, and suggested that its purpose might be served by a strong statement being made by the Committee which had R.A.M.C. questions under consideration.

After further discussion it was agreed by a majority to refer the whole matter to the Reconstruction Committee.

RELEASE OF GLYCERIN REQUESTED.

The Secretary read a letter from the Devon Pharmaceutical Association forwarding a resolution to the effect that there is no adequate substitute for glycerin for certain medicinal uses, and urging the Society to press the Government to release the comparatively small amount required.

Mr. KEALL, referring to a statement made in the House of Commons that there had been no undue claim made by pharmacists for the use of glycerin, said it was realised by them all that they are up against great difficulties, in case of great need, where no substitute could be used.

The President suggested that the Secretary should be instructed to take such steps as he considered most expedient and effective with the view to the quantities available for pharmaceutical purposes being increased.

This suggestion was agreed to by the Council.

FINANCE COMMITTEE.

The Secretary read the report of this Committee. It stated that there had been correspondence between the Society's solicitors and the Inland Revenue Authorities relative to the Corporation Duty, and an exhaustive memorandum giving the history of the matter as far back as 1855 was presented. The Secretary was instructed to continue negotiation with the Inland Revenue Authorities. It was recommended that 500*l.* of the Rubert Birt legacy to the Benevolent Fund be invested in 5 per cent. War Loan (1928). It was recommended that the fee account and the Local Associations Executive Committee's account should be placed at the bank in the name of the Society. It was recommended that an overdraft on the current account when necessary be authorised to an amount not exceeding 250*l.* The Secretary's monthly financial statement showed that the amount to the credit of the general account was 1,401*l.* 11*s.* 3*d.* Receipts since last meeting included penalties and costs, 35*l.* 1*s.* 10*d.*; "Journal" and publications, 22*l.* 17*s.* 6*d.*; rent to midsummer (15 Bloomsbury Square), 40*l.* 5*s.*; fire insurance, 2*l.* 0*s.* 6*d.*; registration-fees, 67*l.* 4*s.*; restoration-fee, 1*l.* 1*s.*; ground rent, 96*l.* 5*s.*; subscriptions, 107*l.* 12*s.* 6*d.*; certificates of qualification, 7*l.* 10*s.*; and London County and Westminster Bank deposit, 1,000*l.*; interest on deposit, 21*l.* 13*s.* 11*d.* The Benevolent Fund current account showed that including a balance of 208*l.* 4*s.* 2*d.* at date of last meeting the total to credit was 670*l.* 17*s.* 6*d.* Payments during the month and ordered at last meeting amounted to 120*l.*, leaving a balance of 550*l.* 17*s.* 6*d.* The donation account amounted to 523*l.* 18*s.* 7*d.*, including 500*l.* (the amount of the Robert Bird legacy), and a donation of 5*l.* 5*s.* The Orphan Fund, including subscriptions received (4*l.* 6*s.* 6*d.*), showed 41*l.* 8*s.* 11*d.* to credit.

The TREASURER, in moving the adoption, said the Corporation Duty to which reference was made was a very difficult matter. He understood that whatever was agreed to the Society would probably have to pay duty, but it was important that the amount should be assessed at the lowest possible figure.

Mr. HINES stated that he was unable to agree with his colleagues on the Finance Committee with reference to the account of the Local Associations Executive Committee for the reason that that fund was not included in the funds of the Society. Twelve months ago the Council was pressed for a balance-sheet showing what was to the credit of the Executive Committee, but this was refused on the ground that the money was not under the control of the Council. Now, either the fund was that of the Local Associations Executive Committee or it must be controlled by the Finance Committee of the Society. If it was not under the control of the Finance Committee, then the Council had no right to decide that it should be placed at the bank in the name of the Society. Really, in a sense, the matter involved the rights of the Organisation Committee, which, he took it, would deal with it. He moved that the whole question be referred back to the Finance Committee.

Mr. Jenkin, speaking as an elected member of the Local Associations Executive Committee, said it was quite improper that the Council should take the decision out of the hands of the Local Associations Executive Committee. He therefore seconded Mr. Hines's proposition.

Mr. Rowsell supported the motion for referring the matter back, on the ground that the Local Associations Executive Committee should be consulted before the proposed step was taken.

Mr. Sargeant was of opinion that the recommendation of the Finance Committee involved no departure from precedent.

The Secretary, in accordance with a request made to him by the President, read Section 15 of the Society's by-laws, which provided that all funds and property under the control of the Society "shall be subject to the management and control of the Council, and might, under the direction of the Council, be invested." He added that the bank manager called his attention to the fact that the fund was banked as being a private account of his (the Secretary's). As the Council had already directed that one or two other accounts which were in the name of the Secretary should be placed in the name of the Society, the bank manager suggested that the Council should give some direction regarding the two accounts dealt with in the minutes. His own view was that whether it was said that the funds in question belonged to the Council or not, they were under the control of the Society, and ought to be banked in its name.

Mr. Campkin confessed a feeling he had that if the amendment to refer back were carried, the Finance Committee would have no option but to come to a similar decision, in view of the suggestions made by the Secretary.

Mr. Skinner inquired, "Who authorises payment? Will it be the Finance Committee of the Society or the Finance Committee of the Local Associations Executive?" It appeared to him that the transfer was one of name, and nothing else.

It was then resolved to refer back this matter. The remainder of the report of the Finance Committee was unanimously adopted.

Benevolent Fund.

The report of the Benevolent Fund Committee recommended grants amounting to 65*l*. The Management Committee of the London Orphan School intimated that the boy recommended for admission by the Committee at its last meeting would be admitted in September, and recommended that the amount to be paid for his maintenance should be increased from 35*l*. to 40*l*. The Committee recommended that the request be acceded to, not only in respect to this orphan, but in respect to the other two now in the school.

Mr. Parry, moving the adoption of the report, stated that, in addition to the legacy of Mr. Robert Bird of 500*l*., he had to acknowledge the following special contributions: Portsmouth Pharmacists' Association, 3*l*. 3*s*.; South-East London Chemists' Association, 2*l*. 2*s*.; Torquay Pharmacists' Association, 2*l*. 2*s*.; and other contributions through various collecting-boxes.

The report was unanimously agreed to.

Demobilisation Emergency Committee.

The report of this Committee stated that in connection with the matter raised by Mr. Skinner at the last meeting of the Council, and by the letter from the Leeds Pharmacists' Association, which related to the institution of a fund for the relief of pharmacists who had suffered by the war, which was referred to the Committee, a number of resolutions had been passed by the Council from time to time. The Committee found difficulty in giving effect to them as a whole. After careful consideration the Committee recommended the adoption of the following resolutions:

"(*a*) That in view of the representation of the Committee as to the difficulties in giving effect to the different resolutions, these resolutions be rescinded and the following resolution be passed, viz.: That an appeal for funds be made, as a special war effort, to increase the amount of the Benevolent Fund, and to enable the Council to help applicants who may need assistance in consequence of circumstances arising out of the war." "(*b*) That the Leeds Association be asked to allow such special fund to be started with their donation of 219*l*. 16*s*. which has already been accepted by the Council."

Mr. Parry moved the resolution, remarking that the Committee desired to crystallise the various motions and resolutions that had already been before the Council dealing with the question. It was difficult to know at the moment what was fully intended to be done with the proposed fund. This would depend in a great measure on the amount that could be raised throughout the country. The objects of the fund were nearer their hearts than any that had ever been raised at that table. It might be said that the Government would see to the needs of those who, returning, after serving the country, broken in body, in health, and in prospects, would need assistance. It was their intention to get the utmost out of the Government for the assistance of these cases, but there were many things which the Government could not do in granting assistance which the Committee desired to cover. They had decided to start the fund with 10,000*l*. as the minimum amount to be aimed at.

Mr. Deakin seconded the motion for the adoption of the Committee's report. The object, he said, was one which would appeal to every chemist.

Mr. Parry said he had to acknowledge receipt of a cheque for 52*l*. 10*s*. which had just been handed to him by Mr. White, the late President. (Applause.)

After further discussion the report was unanimously adopted.

After the Council meeting it was announced that the following contributions were made by other members: Mr. Neathercoat, 25*l*.; Mr. Jenkin, 5*l*.; Mr. Bilson, 10*l*. 10*s*.; Mr. Rowsell, 10*l*. 10*s*.; Mr. Hines, 10*l*. 10*s*.; Mr. Wolff, 10*l*. 10*s*.; Mr. Cuff, 10*l*. 10*s*.; Mr. Guthrie, 10*l*. 10*s*.; Mr. Skinner, 5*l*. 5*s*.; Miss Buchanan, 5*l*. 5*s*.; and Mr. Campkin, 10*l*. 10*s*. The total contributions intimated, including the one made by Mr. White, amounted to 166*l*. 10*s*.

Library and House Committee.

The report of this Committee stated that the microbiological class had been most successful. It was recommended that an autumn course in microbiology in the laboratory be arranged, to extend from October to Christmas.

The report was unanimously adopted.

Ministry of Health Committee.

This Committee, which was appointed by the Council on February 6, 1918, for the purpose of dealing with the question of the Ministry of Health on the lines of Mr. Rowsell's memorandum submitted to the Council on February 5, 1918, reported that at its preliminary meeting on August 6 Mr. Rowsell was appointed chairman. Having regard to the information in its possession that the Government was still considering the scope and general powers of the measure, the Committee felt that it was inexpedient to make any more detailed report until after the introduction of the Bill.

The report was unanimously adopted.

Parliamentary Committee.

The report of the Parliamentary and General Purposes Committee stated that attention had been drawn to a difficulty in obtaining black currants for lozenges. The Ministry of Food has since decided not to grant licences for fruit for this purpose, and suggested that what was required could be obtained from growers of less than 1 cwt. without licence. At the July meeting Messrs. Harrington and Keall were appointed to attend the Conference called by the London Council for the promotion of public morality, to consider what restrictions, if any, the Government should be asked to include in the Criminal Law Amendment Bill upon the sale of drugs and appliances for the purpose of preventing conception or procuring abortion. Both gentlemen were prevented from attending, and the Society was therefore represented by Mr. Chater, who had reported the terms of certain resolutions passed at the Conference, and that the Conference invited a representative of the Society to attend with a proposed deputation to the Lord Chamberlain. The Committee considered the report of the Committee appointed to deal with demobilisation and other reconstruction problems, and recommended that the scheme prepared by that Committee for the training and discharge of disabled men be approved, and that it be left to the President and Mr. White to direct in what form the scheme should be published.

The report was unanimously adopted.

Report of Examination.

The report on examination for July showed the following results: England and Wales—Major, nine examined, three passed; Minor, seventy-five examined, forty-three passed. Scotland—Major, two examined, one passed; Minor, thirty-five examined, twenty passed. Diplomas were granted to the pharmaceutical chemists who had passed.

Herbarium Competition.

Mr. Holmes, reporting on this competition, stated that only one collection was sent in. He described the collection as the best of its kind he had seen, and he recommended that the Silver Medal should be awarded to Miss Doris Madeline Monro Higgs for it. Mr. Holmes was thanked for his services.

This was all the public business.

Trade Report.

42 Cannon Street, E.C. 4, August 8, 3 p.m.

There has been a holiday tone about the markets, and little of interest has transpired. The active intervention of Japan in Siberia is likely to be productive of some changes in chemicals—*e.g.*, there have been large purchases of carbolic acid for that country, and this in turn may show a hardening in the prices of synthetics derived from phenol, particularly salicylic acid, which is distinctly firmer; phenacetin, too, may also improve. Potash bromide is being doled out to regular customers at the official prices. Amidopyrin is rather firmer, and creosote carbonate is very scarce. Formaldehyde supplies have been distributed to actual consumers at the fixed price. Hexamine and salol are slightly easier. Hydroquinone is well maintained. Methyl salicylate shows a slight recovery from its lowest. Milk-sugar is unsettled pending the Government announcement. Quinine is unchanged; sulphonal is scarce and tending firmer. Saccharin continues to rise among dealers, owing to the brisk demand. New French neroli and rose oils are now being offered, and new lavender is being distilled. Clove is firm, and caraway oil rather dearer; slightly more demand has been shown for American peppermint oil. Coriander seed has further advanced.

Higher	Firmer	Easier
Bayberry-bark	Amidopyrin	Ginger
Caraway oil	Phenazone	Hexamine
Chaulmoogra oil	Salicylic acid	Lycopodium
Cloves	Soda salicylate	Phenolphthalein
Coriander-seed (Morocco)		Pot. bicarb. B.P.
Ferri et quin. cit.		Salol
Saccharin		Scammony resin
Senega		

Cablegram.

New York, August 7.—Business is active. Cartagena ipecacuanha is lower at $3.10 per lb. Cream of tartar has advanced to 68½c. per lb. for powdered. Acetanilide is lower at 72c. per lb.

Acetanilide is offered at from 6*s.* 3*d.* to 6*s.* 6*d.* per lb. as to seller.

Acetic Anhydride.—There are several parcels on the market for resale, the quality of which is open to question, and buyers should exercise care.

Amidopyrin is rather firmer at 57*s.* 6*d.* on the spot. There is a serious epidemic of "flu" in Switzerland, and this causes a bigger consumption in that producing country, so that a falling off in consignments may be expected; this also applies to phenazone.

Aspirin continues firm, without change in price, at 12*s.* per lb.

Bayberry-bark is dearer on spot at 2*s.* 8*d.* per lb.

Benzoic Acid.—The production steadily increases in U.S.A., and we may look for a further easing in price.

Bromides.—Market is as described last week. Some doles of potash have been made to favoured customers at the lower rates, but there are, of course, many who cannot get any at the official prices, because stocks do not exist. Dissatisfaction has already been expressed with the new arrangements, and the creation of a monopoly does not seem to be consistent with sound business. Second-hand holders ask 9*s.* for Japanese and American potash, and it is probable that this price may be realised later. Soda is 5*s.* 9*d.* to 6*s.*, and ammon. 9*s.* 6*d.* to 10*s.*

Caffeine.—Supplies of pure crystals are available to the home trade from makers at 50*s.* per lb., either on spot or on forward contracts.

Camphor (Refined) remains firm, with Japanese 2½-lb. slabs offering at 4*s.* 7*d.* per lb. and ¼-oz. tablets at 6*s.*, either spot or to arrive. English bells remain at 4*s.* 10*d.* and flowers at 4*s.* 9*d.*, but supplies are very scarce. Dealing in "B" and "B.B." monopoly camphor will apparently become a thing of the past, as it seems to be the intention of the Japanese Government to refine more of the output than ever, as supplies of so-called crude are withheld from the market.

Caraway Oil is dearer, English distillers asking 27*s.* per lb.

Cassia Oil is firm, with spot sales of 80 to 85 per cent. c.a. at 7*s.* 9*d.*, and for shipment 8*s.* c.i.f. is quoted; 70 to 75 per cent. is obtainable at 7*s.* spot.

Chaulmoogra Oil is dearer at 4*s.* 3*d.* per lb.

Clove Oil.—Distillers quote 23*s.* for B.P., and dealers offer at 21*s.*

Cloves are dearer, with spot buyers of fair Zanzibar at 2*s* 10*d.*

Cocaine.—Sufficient stocks of hydrochloride are arriving to meet the existing home demand, but the price is steadily increasing.

Codeine is steady at 30*s.* per oz. for the pure crystals, and 26*s.* for hydrochloride, sulphate, and phosphate from makers on contract.

Coriander-seed has further advanced owing to the fact that the Government have requisitioned the only steamship now available on the Moroccan service. There are spot buyers at 55*s.*, with 60*s.* asked.

Coumarin is offered at 175*s.* per lb. on spot, and 165*s.* to arrive.

Creosote.—Carbonate is comparatively scarce owing to lack of raw material; from 72*s.* 6*d.* to 75*s.* is quoted. Beechwood creosote is also not too plentiful at from 20*s.* to 22*s.* 6*d.*

Eucalyptus Oil is in steady demand at from 2*s.* 5*d.* to 2*s.* 7*d.* per lb. for 65 to 70 per cent. eucalyptol.

Farina is firm at 80*s.* to 81*s.* per cwt. for No. 1 Japanese on the spot, and at 74*s.* 6*d.* c.i.f. for August-October shipment. *Sweet* is also firm, with buyers on spot at 72*s.*

Ferri et Quin. Cit.—Makers' price of B.P. in bulk is now 1*s.* 3*d.* per oz., and in vials 1*s.* 4½*d.* to 1*s.* 5½*d.*

Formaldehyde.—As already reported, some fair-sized consignments have been landed, which have satisfied the urgent consumptive demand, and the situation has been materially relieved. Consumers naturally appreciate this "concession" on the part of the Government. The fixed price is 150*l.* per ton.

Gingers are quiet, and prices have eased about 2*s.* 6*d.* per cwt. on spot.

Gum Acacia.—Sales of fair natural Sudan sorts have been made on the spot at 82*s.* 6*d.* per cwt.

Hexamine is slightly easier at 9*s.* on the spot, and to come forward it is appreciably cheaper.

Hydroquinone maintains its previous price of 17*s.* to 17*s.* 6*d.*, but supplies are very limited, and barely suffice for the increasing consumption in this country. It is to be regretted that no headway is being made with the home production.

Ichthyol.—Substitutes are steady and unchanged, varying in price from 3*s.* up to 7*s.* 6*d.* per lb., as to quality. This is one of the few products cheaper than in pre-war days.

Lemon Oil meets with a fair support on the spot, prices compared with other essential oils still remaining on a low level at from 4*s.* to 4*s.* 1*d.* on the spot.

Liquorice-root.—Arrivals aggregating 1,266 bales Spanish have taken place in Liverpool, which will be ample for home requirements for some time. Fair natural is obtainable at 120*s.* on the spot.

Lithia Carbonate is tending dearer at about 12*s.* per lb. on the spot.

Menthol.—With Japan occupied in Siberia it is anticipated that there will be less shipping available for European ports, and this is looked upon as a "bull" point.

Methyl Salicylate.—Some of the cheap parcels offering at 5*s.* 6*d.* have evidently been appropriated, and nothing appears to be available at under 6*s.* 3*d.* to 6*s.* 6*d.* The majority of the dealers holding stock costing more will probably wait for a further improvement.

Milk-sugar.—The latest information is given on p. 45. Fair supplies are still coming forward, including consignments from Holland. Retail sales of finest powder are being made at 5*s.* per lb.

Neroli Oil.—New crop French can be had at 30*s.* to 31*s.* per oz. for finest.

Otto of Rose.—New French is now being distilled, and for genuine 84*s.* per oz. is asked.

Pepper is quiet but firm, with spot buyers of fair *black* Singapore at 1*s.* 10*d.*, Tellicherry at 1*s.* 11½*d.*, and Aleppy at 1*s.* 11*d.*; value of *white* Singapore is 3*s.* 6*d.* and Muntok 3*s.* 6½*d.* per lb. on spot.

Peppermint Oil has met with rather more demand, holders obtaining 23*s.* per lb. on spot for finest American in tins. Supplies are coming forward slowly, as permits are being granted to a limited extent only. H.G.H. is still scarce at 32*s.* 6*d.*, London terms.

Phenacetin is unchanged from 19*s.* to 21*s.* per lb. on the spot, as to seller.

Phenazone.—The "flu" epidemic in Switzerland is likely to cause a larger consumption and leave less for exportation. Spot stocks show signs of becoming scarcer, and the cheap parcels recently offering have practically disappeared; 47*s.* is quoted.

Phenolphthalein is easier at 46*s.* per lb. on spot.

Potash Bicarbonate.—B.P. crystals or powder is easier at 2*s.* per lb.

Pyrogallic Acid is slightly firmer in the U.S.A.; on the spot resublimed is quoted at 17*s.* 6*d.* to 18*s.* and crystals 16*s.*

Quinine.—The second-hand price is still 4*s.* per oz., but supplies are very limited, and it will be some weeks before the large consignments booked and on the way come forward from the makers. Meanwhile export orders to the Colonies have still to be cut down remorselessly.

Saccharin.—The supplies on spot seem inadequate to meet the demand, and at the moment very little is arriving. Consequently spot holders are able to obtain from about 400*s.* to 410*s.* per lb. for 550 pure, duty paid, an advance of fully 10*s.* on previous prices.

Salicylates.—The lowest price for salicylic acid from makers is now 4*s.* 6*d.* per lb., the tone being distinctly firmer in view of the large demand for carbolic acid. Sodium salicylate is also slightly firmer at from 6*s.* 3*d.* to 6*s.* 6*d.*

Salol is slightly weaker on spot, offering at from 9*s.* to 9*s.* 3*d.*, as to seller.

Sarsaparilla.—Arrivals aggregating 123 bales have taken place in Liverpool.

Scammony Resin.—Makers have been able to reduce their price slightly, quoting 8*s.* 9*d.* and powder 9*s.* 3*d.* per lb.

Senega.—Spot holders ask 8*s.* per lb. net.

Shellac is quiet, usual standard TN Orange quality offering at 340*s.*, and cakey AC Garnet at 330*s.* on spot.

Sulphonal.—Small consignments are coming to hand, spot values being from 90*s.* to 92*s.* 6*d.* per lb.

Thymol.—The price of Indian continues to advance, and spot value for that make is about 52*s.* 6*d.*

Turpentine is firm at 116*s.* per cwt. for American on the spot.

Vanillin.—Consumption remains below normal, with 68*s.* per lb. as fair current value.

Arrivals of Chemicals, Drugs, etc.

The following arrivals have taken place at the ports of London and Liverpool during the period named below. Particulars of imports of oils, oilseeds, nuts, fats, gums, etc., are not now published.

To London
(July 20 to 26).

Bronze powder, 14 cs.
Chemical products, etc., unrated, 20 cks. 2 cs. 4 pcls.
Arsenic, 53 cwt.
Carbon black, 100 cks.
Chloral hydrate, 10 kgs.
Milk sugar, 100 cs. 150 pkgs.
Oxalic acid, 60 kgs.
Potash carbonate, 114 cks.
Potash muriate, 1,589 bgs.
Potash sulphate, 100 bgs.
Potash, unrated, 4 brls. 12 cs.
Saltpetre, 5,646 cwt.
Soda hyposulphite, 99 tons
Tartaric acid, 40 cks.
Thorium nitrate, 5,200*l.*
Dental goods, 1,448*l.*
Drugs, etc., unrated, 694*l.* 60 cs.
Anise, 200 bgs.
Senna, 229 bls.
Dyestuffs, tanning materials, etc.: cutch, 500 bxs.; indigo, 78 pkgs. 24 chts.; logwood ext., 516 cks.; myrobalans, 37,824 pockets
Fullers' earth, 22 tons
Gelatin, 415*l.*
Perfumery, unrated, 187*l.*; toilet-powder, 1,627*l.*
Plumbago, 897 bgs. 1,083 brls. 402 cks.
Starches (cwt.), 500; maize, 1,000; potato, 962; rice, 400; rye, 540
Talc, 1,060*l.*
Wax, bees', 170 bgs. 20 cs.
Wax, paraffin, 11,632 cwt.; scale, 1,342 cwt.

To Liverpool
(July 22 to 27).

Bronze powder, 21 cs.
Chemical products, etc.: tanglefoot vermin destroyer, 2,000 bxs.
Acetanilide, 1 kg. 15 cs.
Aloin, 1 cs.
Arsenic, 100 cs.
Betanaphthol, 27 brls.
Bromides: potash, 5 cs.; soda, 2 kgs. 5 cs.
Formaldehyde, 115 brls.
Glycerophosph. soda, 2 cs.; lime, 3 cs.
Hydroquinone, 7 cs.
Iodine, 837 kgs.
Methyl salicylate, 82 cs.
Milk-sugar, 103 brls.
Paraform, 10 cs.
Phthalic acid, 1 brl.
Potash, 10 brls.
Potash perchlor., 65 brls.
Safrol, 1 drm.
Salol, 11 kgs.
Soda caustic, 3 drms.
Tartaric acid, 40 cks.
Drugs, etc., unrated, 18 pkgs.; med. emulsion, 3,501 bxs.
Aloes, 100 cs.
Althea-root, 19 bgs.
Balsam tolu, 20 cs.
Broom-root, 500 bls.
Camphor, 100 cs.
Cassia-bark, 91 bgs.
Elder-flowers, 20 brls.
Ergot, 10 bgs.
Gentian, 233 bgs.
Liquorice-root, 131 pkgs.
Menthol, 200 cs.
Quassia-wood, 25 tons
Sage-flowers, 2 bgs.
Sarsaparilla, 16 bls.
Sassafras-bark, 6 bls.
Senega, 7 bls.
Valerian, 1 bg.
Wild-cherry bark, 6 bls.
Yerba santa, 28 bgs.
Dyes, dyeing and tanning materials: chestnut tanning ext., 1,132 cks.; indigo, 10 cs.; fustic ext., 42 cks.
Mineral white, 200 bgs.
Plumbago, 2,709 bgs. 114 cks. 28 brls. 150 pkgs.
Starches: farina, 4,748 bgs.; potato, 6,760 bgs. 56 pkgs.; rice, 200 bxs. 250 bgs.; wheat, 60 bgs.
Talc, 6,079 bgs.
Wax, bees', 121 ballots 98 cs.
Wax, carnauba, 353 bgs.
Wax, paraffin, 1,783 bgs. 1,130 pkgs. 1,548 brls.
Wax, vegetable, 205 cs. 26 bgs.
Zinc dust, 251 cs. 20 cks.

To London
(July 27 to Aug. 1).

Argyrol, 1 cs.
Bronze-powder, 13 cs.
Canary-seed, 450 bgs.
Casein, 10,000*l.*
Chemical products, unrated, 40 cks. 10 brls. 3,311 bgs. 93 drms.
Argol, 32 cks.
Bromides: potash, 119 cs.
Citric acid, 20 cks.
Cobalt oxide, 23 brls.
Cream of tartar, 60 cks. 31 brls.
Milk-sugar, 10 brls.
Potash bichrom. 8 cks.
Potash carb., 105 cs.
Quinine, 20,000 oz.
Sulphonal, 2 cs.
Tartar, 20 cks.
Wine-lees, 823 bgs.
Drugs, unrated, 91*l.*
Ergot, 12 bls.
Fenugreek-seed, 250 bgs.
Menthol, 50 cs.
Nux vomica, 1,372 pockets
Dyes, dyestuffs, tanning materials, etc., carmine of cochineal, 3 cs.; cochineal, 9 bgs.; cutch, 900 bxs.; indigo, 165 chts. 14 cs.; myrobalans, 12,588 pockets, 1,232 bgs.; sumach, 900 bgs.
Gelatine, 413*l.*
Perfumery, unrated, 96*l.*
Plumbago, 200 bgs. 4 brls.
Pumice-stone, 2 tons
Starches (cwt.): corn, 1,622; maize, 200; potato, 1,517 cwt.
Talc, 250*l.*
Wax, bees', 6 bgs. 12 cs.

To Liverpool
(July 29 to Aug. 2).

Celluloid, cr. 4,218*l.*
Chemical products, etc., unrated:
Acid phosphate, 100 bxs.
Argol, 152 bgs.
Arsenic, 152 cks.
Citric acid, 100 kgs.
Coumarin, 2 cs.
Cream of tartar, 44 cks.
Glycerophosph. lime, 3 cs.
Hydroquinone, 22 cs.
Methyl salicyl., 29 cs.
Milk-sugar, 72 cs.
Potash bicarb., 10 cs.
Drugs, etc., unrated:
Druggists' sundries, 412*l.*; cuticura ointment, 150*l.*
Gentian, 355 bgs.
Liquorice-root, 1,266 bls.
Marshmallow-root, 74 bgs.
Menthol, 5 cs.
Menthol tablets, 20 cs.
Sarsaparilla, 56 bls.
Valerian, 2 bgs.
Dyestuffs, tanning materials, etc., dyewood ext., 60 cks.; orchella-weed, 40 bls., 1,097 cks.; tanning ext., 13,224*l.*
Soapstone, 100 bgs.
Starches: potato, 262 bgs.
Trypsogen, 1 cs.
Wax, carnauba, 40 bgs.
Wax, vegetable, 100 cs.

Camphor.

The following report from H.M. Embassy at Tokio is published in the "Board of Trade Journal" (June 6): As the weather in Formosa in 1917 was very unfavourable, and as the work of producing camphor was unremunerative in comparison with other forms of employment, such as charcoal-burning, the actual production of camphor in that year fell far below the estimated output. The output of camphor in Formosa in the twelve months ended March 31, 1918, was about 60,000 piculs (picul = 133⅓ lb.), compared with 89,300 piculs in 1916-17, while in Japan Proper the respective totals were 20,000 piculs and 39,600 piculs. The combined figures for Formosa and Japan Proper were, therefore, about 80,000 piculs in 1917-18, and 128,900 piculs in 1916-17. The following table shows the export of crude camphor from Formosa during 1916 and 1917, and also of refined camphor from Japan in these two years:

To	Refined Camphor from Japan. 1916 Kin	1917 Kin	Crude Camphor from Formosa. 1916 Kin	1917 Kin
United Kingdom	639,125	145,130	838,500	761,800
British India ...	1,416,041	1,082,490	—	—
Australia ...	92,605	112,400	—	—
France	379,862	66,618	270,200	76,500
United States ...	2,654,438	1,493,135	4,680,750	4,065,600
Japan	—	—	2,002,045	1,252,272
Asiatic Russia ...	447,068	65,446	75,000	—
China	—	—	14	89
Other countries...	124,713	154,696	—	—
Total ...	5,753,862	3,119,915	7,866,509	6,156,261

Kin = 1.32 lb.

It appears that the Formosan Camphor Refining Co., which began its operations in November 1917, will consume 10,000 piculs a year, while the new amalgamation of camphor-refiners in Kobe, known as the Nippon Camphor Refining Co., which was formed on February 5 last, will consume 50,000 piculs a year. Over and above this, it is understood that 12,000 piculs a year are to be allotted to the celluloid manufacturers in Japan Proper, so that the total consumption of raw camphor in Japan will in future be 72,000 piculs a year. If the production remains at 80,000 piculs a year there will be only 8,000 piculs available for export. On the other hand, it must be remembered that in 1916 the actual production was 128,900 piculs, so that the margin available for export would be appreciably larger in years when the output of camphor is good. According to present indications, however, there is but little prospect of the output of camphor being increased in the near future. It may, indeed, be reduced. The hopes which were entertained some years ago of obtaining camphor from the leaves of the camphor-tree have not materialised, and the quantity of camphor procured from the young trees has not been satisfactory. The roots of the old trees have been dug up and used, and all possible accessible sources have been tapped. To work the distant forests is still dangerous on account of the unsubdued savages, and the profits to be obtained are not commensurate with the risk.

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American Quicksilver.

An interesting bit of news bearing on the cost of producing quicksilver has been disclosed from the particulars put by producers before the United States Tariff Commission recently. It was stated that the gradually diminishing bodies of ore and rapidly increasing costs of production have placed this industry in a rather precarious position, and that the remedy suggested is that of raising a specific duty of $35 per flask in addition to the present duty of 10 per cent. *ad valorem*. This may seem rather curious considering that American mines, under pressure of war requirements, have been able to add materially to their output during recent years. Whereas costs of production in Spain are understood to be $16 (3*l*. 5*s*.) per flask, the American cost is as much as $70 to $75, while the cost of Italian producers was, in 1898 (no later information being available), $25, or 5*l*. per bottle. Owing to the abnormally high American cost, it is now urged that the high duty mentioned above should be enforced in order to protect the industry for the future. So long as the price continues high the American production may be maintained, but it can only be inferred that given a return to anything like normal conditions after peace, or with the price dropping to below 10*l*. per bottle, the American output would be affected.

American Sulphur under Control.

The action by the United States Government in taking sulphur under control has undoubtedly been precipitated by the fact that the domestic stocks have fallen to perilously low dimensions. Since America joined the Allies the demand, more particularly for the manufacture of explosives, has been steadily on the increase, while the demand for industrial use has also been considerable. Makers of print paper, rubber goods, and fertilisers absorb large quantities. The centre of American production is Texas, where operations are carried on by two important corporations, the chief of which is the Union Sulphur Corporation, whose daily output is about 3,500 tons, against 1,000 tons a day contributed by the other concern, the Freeport Corporation. The fact deserves notice that America is now consuming at the rate of about 125,000 tons a month, while it is estimated that this will be increased to 150,000 tons a month. Big dividends have been paid by the chief producer, or at the rate of 100 per cent. a month on its small share capital of $200,000. Production and the distribution of supplies is now entirely under the control of the War Industries Board. The current price of American sulphur stands at $35, so that its advance against the pre-war price of $22 seems very moderate.

Boletus Cervinus.

This old-fashioned drug, which probably first came into use in obedience to the Doctrine of Signatures, has recently been offered in the London market, but it met with no sale. In the time of Dr. Pereira it was stated by him that it is no longer used in medicine, at least not in Great Britain, but that as he met with it in the stock of a London herbalist, and it was sold in Covent Garden market as *Lycoperdon* nuts, it could not long have gone out of use. "It was formerly used by apothecaries for the preparation of *Balsamus Apoplecticus*, and great power was ascribed to it in promoting parturition and the secretion of milk, and the country people in some places esteem it as an aphrodisiac and prepare from it a spirituous tincture." Parkinson, (Theatrum Botanicum, p. 1320, 1640), says the dose of it is 1½ dr. in powder, taken in sweet wine or with such other things as provoke venery. An analysis by Biltz is given by Pereira, from which it appears to contain a bitter substance in the coat; sugar, inuline, and various salts of lime and ammonia, and some proteid substances. An excellent illustration is given of the drug in Pereira's "Materia Medica," volume II. pt. 1, 1850, p. 946. The English synonyms given by Pereira for it are Hart's truffles or Deer-balls. It has nothing to do with the modern genus *Boletus*, which is of a mushroom shape, with narrow tubes instead of gills beneath showing on the under-surface as minute pores, and belongs to the family *Polyporei*. The "Boletus cervinus" belongs to the genus Elaphomyces (*E. granulatus*), which belongs to the division Gasteromycetes, in which the spores are contained inside the fungus mixed with sporal threads or capillitium. The fungus is found in woods under pine-trees from June to October, and it may usually be detected by the presence of orange-yellow branched threads or hyphæ in the decayed leaf-mould where it occurs. According to Vogl, "Pharmacognisie," 1892, p. 8, it is still used in Central Europe in veterinary medicine, and Ludwig and Busse (1869) found it to contain mannite, mycose, pectin, mycogum, mycodextrin, and mycoinulin.

Correspondence

"Lest we Forget."

Sir,—Your inspiring leading article under this title must appeal to every English chemist worth the name. In sounding the tocsin of "No peace with Germany for ever" you offer practical suggestions which will hit the unspeakable Hun in his most susceptible spot. Those suggestions are both reasonable and lawful, and should represent the minimum of retaliation towards the barbarous brutes who have posed as German "chemists." Some may be prepared to go a step further; and while one could hardly expect those who have not experienced the victimisation of their friends or property by German bombs, gas, or other brutality, to travel outside the protection of the law, should it be too much to ask for more stringent reprisals in utterly boycotting those whom you justly term "the most treacherous and brutal nation the world has ever known"? Just as the sailors under the guidance of Mr. Havelock Wilson, so the chemists, with adequate organisation, have a potential weapon which could paralyse the machinations of the German beast. In the contracts for the supply of our products after the war we are making it prohibitive under a heavy penalty to have any dealing with a naturalised or unnaturalised German in perpetuity, and we shall exhibit a notice at our laboratories and at our offices to the effect that "Any person of German extraction found on these premises will be treated as a trespasser and forcibly ejected." We shall purchase no German goods, and no German will knowingly be supplied by us with any of our products at any price, and I would suggest that an appeal might be made to all British chemical manufacturers to combine on such a policy. That such a combination would be to their advantage in the long run hardly warrants argument. We can and we should produce every desirable chemical compound. Towards such an association I should be glad to subscribe 100*l*.; and while I admit being actuated for personal reasons by a spirit of bitter and remorseless revenge, in carrying out your scheme of "injuring Germany as much as possible" I think it will be admitted by all who have cognisance of the methods and aims of the German chemist that the time for concerted and drastic measures has arrived. In these laboratories we claim to have beaten the German in the sphere of the chemistry of the colloids, and we are out to beat him for ever—physically, financially, commercially, and ruthlessly. We shall never forget.

Yours faithfully.

Lewis Stroud (M.A.Oxon.).

The Crookes Laboratories, W.

Sir,—Your article "Lest we Forget" is opportune, and Secretaries of Associations should note that your Editorial is worth an evening's discussion during the autumn. A wobbling public opinion with a half-hearted campaign to rid us of this German octopus is treachery to our fighting men. Cannot a national campaign be started this autumn? In every chemist's shop "British or Allied" brands only must be used, and the public must know we intend to the uttermost of our powers to see that no German products are bought or sold by us for many years to come.

Yours faithfully,

Sheffield. Albert H. Culverhouse.

Sir,—May I venture to disagree with you in your advocacy of the policy of boycotting German drugs after the war? To carry out such a policy would mean an economic war—in other words, a continuation of hostilities—upon the conclusion of peace. It was Mr. Chadband, I believe, who said, "Peace be unto this house! Friends, what is peace? Is it war?" And there is a danger, unless we think clearly upon this matter, of our becoming as inconsequent and perhaps as hypocritical as Mr. Chadband. Just as it is certain that honour demands that we strain every nerve in a rigorous prosecution of the war while fighting continues, irrespective of any personal and private gains which might conceivably accrue in any particular quarter from a weakening of the national effort, so likewise honour as well as logic demands a complete cessation of hostilities upon the conclusion of peace. But apart from considerations of honesty and consistency, is such a boycott practicable? It could only be made practicable in one of two ways—either by singling out German goods for the imposition of an import tariff so severe as to effect their exclusion altogether, or else directly to place their importation into this country under a direct and rigid ban; and does anybody suppose that either plan—which is in effect the same

plan—is likely to be put into operation? And again, apart from its impracticability, such a proposal is antagonistic to the spirit which animates the Allies as well as to our avowed war aims, besides offering an insuperable obstacle to any practical expression of the idea of a League of Nations of which we hear so much nowadays. There is an alternative method of securing the same boycott—the method you yourself appear to have in mind—whereby it shall be left to private enterprise, so to speak—the enterprise of voluntary associations of men, as the Pharmaceutical Society, to bring about the desired result. But to be effective any such plan must be regularised by statute and made obligatory upon the whole people, as otherwise (assuming the plan to be wise, worthy, and patriotic), the less scrupulous and patriotic would be likely to patronise German firms, and presumably gain benefits at the expense of the more scrupulous and patriotic. I say nothing about the vexed question of tariffs in general; our policy, as the Prime Minister said the other day, has not yet been decided upon. Nevertheless, it is pretty certain that the British chemical manufacturer will receive ample encouragement and protection not only from an import tariff, but in many other ways. But the point is that Germany is not at all likely to be singled out for specific fiscal punishment, nor would it be for the good of ourselves or in the interests of lasting peace that she should be. Finally, what would be done under a system of taboo with any new and valuable drugs which were discovered in Germany after the war? Are our chemists to be deprived of specimens for experimental purposes? And if not chemists, why the medical profession? For the use of new drugs by doctors is largely experimental. And if the experiment were found successful, is the administration to cease, and are British sufferers to be deprived of their use till our own chemists learn the secret of their preparation? The long and short of the matter seems to be that a specific boycott is impracticable as well as unreasonable, if not exactly unfair or dishonourable.

Yours truly,
Chester. R. Cecil Owen.

Sir,—As one who has seen something of the terrible pain, blindness, and often tragic death, caused by the products of the German poison-gas factories, I cannot help expressing my keen appreciation of your noteworthy article under the above heading in the *C. & D.*, August 3, pp. 42-3. The whole tone of your article breathes a spirit of true patriotism, and I consider you have done a great public service in drawing attention to this matter so prominently. The suggestions outlined for doing away with German-owned drugs should be seriously discussed by every Pharmaceutical Association in Great Britain. The list of some of the German poison-gas factories shows how thoroughly the proprietors of famous German drugs were ready for manufacturing degrading adjuncts of war. Surely local Associations never had a chance of real propaganda work to equal this! May I respectfully add that if The Chemist and Druggist, with its enormous advertising advantages, would announce its intention to refuse to assist in the rehabilitation of the German chemical-trade after the war, a lead would be given which I think every British and Allied drug-house and every British pharmacist would gladly follow. Thank you again for this splendid article of yours.

Yours truly,
Lancastrian. (144/2.)

Sir,—I notice your article "Lest We Forget" in this week's journal (*C. & D.*, August 3, p. 42)—a very pertinent and timely piece of work. I fervently hope that now, a clear course being indicated in this direction, every chemist in the land will buckle to and unite in bringing home to these super-brutes the error of their ways. A tremendous lot could be done towards this by our craft alone, and let us hope in this, at least, we will unite. "Xrayser II.," I trust, will lend his fiery pen to help us. We have need of all influence available, as there is evidently some very sinister influence at work even now in favour of these brutes.

Yours faithfully,
Awake. (144/19.)

The Elliman Embroglio.

Sir,—In reference to the action of Elliman, Sons & Co. (*C. & D.*, August 3, p. 47), arising out of the resolution passed at the annual meeting of the Proprietary Articles Trade Association, I suggest that retailers throughout the country back up the wholesale section of the P.A.T.A. by also discontinuing to stock Elliman's preparations until they are protected at a living profit which should be at least 20 per cent. on turnover. I purpose, when my present stock of Elliman's preparations is exhausted, discontinuing to give shelf-room for their goods until the proprietors protect the price as suggested above. The resolution Messrs. Elliman object to emanated quite spontaneously from a retailer, and was seconded by another retailer. Therefore I appeal to my fellow retailers to carry out the above suggestion. It is full time we took a firm stand in reference to all patent medicines in which the difference between wholesale and retail prices is insufficient to pay working expenses, and refuse individually and collectively to waste our time and money handling them.—I am, yours, etc.,

J. Milner, Hon. Secretary,
South-East London Chemists' Association.

Sir,—I hope that all members of the P.A.T.A. will withdraw Elliman's embrocations from sale until such time that Messrs. Elliman withdraw their embargo on the supplies to May, Roberts & Co. and Barclay & Sons. Every member of the P.A.T.A. should inform Messrs. Elliman that they will only restore their embrocations to their shelves for sale after complete satisfaction is given to both retailers and wholesalers. I wrote to Messrs. Elliman on August 3, stating that I had withdrawn their embrocation from sale until they again supplied the above-named wholesalers. The reply I received to-day was as follows:

Offices and works closed August 1 to August 6. Jumping to conclusions is unwise. When we make our next thrust you will know where to place the blame.

Yours truly,
Tonyrefail, August 7. M. L. Griffiths.

Mr. W. S. Spicer, Dorchester, writes: As the wholesale houses seem disposed to fight for a living profit on Messrs. Elliman's particular commodity, both for the retailer and themselves, I sincerely hope that no shopkeeper will allow himself to be persuaded to purchase this article except through the recognised channels.

Mr. H. J. Sadler, Cowes, writes: It is with delight that I learn via your columns that the wholesalers have refused to touch Elliman's embrocation after that firm's overbearing and insulting attitude to the Proprietary Articles Trade Association—wholesaler and retailer alike. . . . Every retailer knows the ease with which any article may nowadays be "cut out" completely and an equal or better article sold, giving a "living" profit. Since January 1, 1918, I have refused to touch Elliman's, etc., and the results have been very gratifying, equally to my customers and myself.

The N.B.B. Executive Election.

Sir,—"Fifer's" letter on the N.B.B. election in the *C. & D.*, July 27, p. 51, may be a true account of feeling in his district, but I question very much whether any of the four-fifths who did not vote ever gave the election or its result a second thought. His letter is rather general in terms, and in no way helpful; he is inclined to destructive rather than constructive criticism. He gives no idea of where, or by whom, this great dissatisfaction is felt; nor does he say by what means his information was obtained. "Hustle," he says, is all very well, but his motto is "Ca' canny"; yet read his next few sentences. There he insinuates that members of the Executive who have been elected time and again by the members who do send in their votes should retire and hand over the reins to "business capability and energy." What does he mean—"hustle"?—or does he insinuate that those gentlemen who in the past have shown both business capacity and energy in private and public life, and who have gained the confidence of the majority of voters, are inferior to the younger men in the profession? "Fifer" also infers that had more time been given the ladies might have made a different show at the poll. On what grounds he draws his inference he does not say. Further, he has a rather nasty dig at Divisional Secretaries. Is he quite sure that he is well-informed *re* the election of Divisional Secretaries? He might inquire at 36 York Place. And as to them being excluded from the Executive, surely this is a narrow view. "Fifer" advances no reasons for this suggestion. Surely a Divisional Secretary in touch with the members would be a most desirable representative on the Executive. Knowing as he does all the little grievances in his division, he is able to present them at headquarters and have every chance of getting the air cleared. I suggest that "Fifer" use the pen, the business capability, and the energy in another direction—viz., to waken up pharmacists to a wider and saner view of their responsibilities; get them to lift their minds and thoughts out of their own little self-centred business; to realise that duties lie in other directions; get them to open and take a little interest in letters from the Pharmaceutical Society instead of laying them aside till a more convenient time which never arrives. "Fifer," in the information that seems to have come his way, suggests that an explosion is imminent. Well, if it awakens the sleepers and dreamers it will attain something; but relinquishing membership of the Society will not strengthen but weaken the whole fabric.

Yours faithfully,
Grangemouth. Robert Marshall.

Legal Queries.

York (132/40).—The privilege of selling "known, admitted, and approved remedies" free of stamp-duty is confined to apothecaries, chemists, and those who have served a regular apprenticeship to the drug-trade. On this account the fever-cure which you desire to supply for sale by a grocer will need a medicine-stamp affixed, and the seller must be licensed. The fever-cure is clearly liable to duty, not only because of the title, but on account of the directions which are given for its employment when certain symptoms of illness show themselves.

Idiotic (146/3) is engaged as manager of a shop, and has since discovered that his employer is not a qualified chemist. "Idiotic" sells in the shop a number of "proprietaries" prepared from his own formulæ which he has entered in the recipe-book provided for that purpose. All the entries in this book have been made by "Idiotic," and are his own formulæ. To whom does the book belong? [We gather the book in question is that provided by the employer for use in connection with the business, in which case it is, in our opinion, the property of the employer.]

X. L. (138/9) sends us an example of an account drawn up by him for excess-profits duty based on a reply to "Tax" in our columns, and asks us if it is correct, and, if not, in what respects it is wrong. Profit this year, 600*l.*; pre-war profit, 100*l.*; difference, 500*l.*; statutory allowance, 200*l.*; net profit, 300*l.*; further deduction of one-fifth of 2,000*l.*, less 600*l.*, that is, 1,400*l.*, 280*l.*, leaving 20*l.*; further deduction of 8 per cent. on 200*l.* increase of capital, 16*l.*; leaving 4*l.* as the amount finally liable to the 80 per cent. excess profits. [The account given is incorrect in respect of the deduction made because of the increase in capital. Since the Finance Act, 1917, Section 26 (1) came into force the statutory percentage on such an increase has to be increased by 3 per cent. It ought therefore in "X. L.'s" case to be 11 per cent., not 8 per cent., on the 200*l.*, giving 22*l.* to be deducted, so that no tax would in fact be payable. Otherwise the account is in order.]

W. E. H. (140/41) is employed as manager of a chemist's shop at a salary and with the use of the dwelling-rooms over the shop. "W. E. H." let the two top rooms of the premises at a weekly rent of 10*s.*, after spending 5*l.* 10*s.* on the decoration of the rooms. "W. E. H." has given notice to his employer terminating his engagement, and when he informed his employer of the letting of the rooms his employer insisted upon the tenants being turned out, and demanded payment of all the rent received from the tenants. What is the position of the parties? [We presume that "W. E. H." had no express authority to let the rooms, in which case the employer is, in our view, entitled either to repudiate the letting and have the tenants ejected, or to ratify the tenancy and call upon "W. E. H." to account for all rent received from the tenants. If the employer adopts the latter alternative we consider that "W. E. H." is entitled to payment of the amount spent by him on decorating the rooms.]

Vera (137/74) commenced business in December 1914, and made in the year 1915 a profit of 150*l.*, and in the year 1916 a profit of 210*l.*, being assessed for income-tax for the year 1917-18 at 180*l.* In the year 1917 he made a profit of 330*l.*, and has returned his business profits for the present income-tax year at the average of three years, that is, 230*l.*, and has not yet received notice of what he is assessed at. He wishes to know what is the maximum profit he can make this year before becoming liable to excess-profits tax, and whether, if ordinarily liable, there is any lawful means of escape, as, for instance, by dividing his business into consulting and prescribing and photographic or ordinary trade. [As "Vera" was not in business for a year prior to the war, the pre-war standard of profits in his case is to be taken to be 8 per cent. on the average amount of capital employed by him in his business during the year for which excess-profits duty is assessed. If the capital consists of assets other than money the value of these is to be taken as when they were brought into the business, subject to a deduction for wear and tear or replacement. If the profit made in any accounting period exceeds by more than 200*l.* the interest at 8 per cent. on this capital, liability to excess-profits duty commences. But as the standard of profits is not more than 500*l.*, and the profits of the accounting period are less than 2,000*l.*, "Vera" can deduct from his chargeable profits a sum of one-fifth of the amount by which the profits in the period are less than 2,000*l.* An adjustment would also have to be made if he increased his capital within the year of charge. In that event he could also deduct from his chargeable profits 11 per cent. on the sum by which his capital was increased. The tax cannot be escaped in the way suggested, as the businesses are not distinct and carried on in separate establishments.]

Miscellaneous Inquiries.

Zero (129/38).—Apparently the amount of formalin you add to the tragacanth hair-fixing liquid is insufficient to preserve it. The addition of salicylic acid (dissolved in the spirit) would probably prevent the fermentation trouble of which you complain.

Cubic (15/97).—Wood-preservative.—In the last issue of the Kew "Bulletin of Miscellaneous Information" (No. 5, 1918) there is a good *résumé* of the chemical methods employed in preserving wood. Oil of tar (creosote) is the most commonly used chemical for preserving wood against fungus attacks. The best method of impregnating the wood is by injection, special machinery being employed for the purpose. Wallis-Tayler's "Preservation of Wood" (W. Rider & Son, Ltd.) is a good book on the subject.

Acacia (133/40).—Colouring Liniment.—As the liniment to which you refer has turpentine as one of its components, you will probably find that alkanet-root will impart to it the red colour you desire.

P. W. A. (132/33).—Influenza Tonic.—A tonic containing quinine and iron is as suitable as any for use after influenza. Many people, however, prefer a preparation containing strychnine, such as Easton's syrup—the tablet form is enjoying a wave of popularity just now.

A. H. M. (132/25).—(1) Poro-plastic Splint Material consists of felt soaked in a solution of shellac 30 parts, resin 10 parts, frankincense 4 parts, dissolved in methylated spirit or in a solution of borax. Those parts that require to be left in a soft condition could probably be made so by filtering spirit through the part. (2) We do not know a preparation called hexamatin, but there is an effervescing preparation of hexamine which goes under the name hexametrin.

Fish (132/4).—Fish-bait Oils.—The following is from "Pharmaceutical Formulas":

Benzoin	ʒj.
Olive oil	℥xij.

Powder the benzoin and macerate with the oil for a day after a preliminary heating on the water-bath, then strain and add—

Oil of rhodium	ʒss.
Oil of patchouli	♏vj.
Green oil	ʒiss.

From another source we learn that civet is especially attractive to trout. Among the other flavouring agents used for fish-bait are Peruvian balsam, aniseed oil, and animal oil.

Kuro (126/91).—Non-Spirituous Flavouring Essences.—These are best made with a basis of tragacanth mucilage to which the flavouring-oils (lemon, orange, etc.) are added. The concentrated preparation of vanilla known as vanol, or coumarin, could be employed to obtain the vanilla flavour.

R. J. T. (136/22).—Laundry-starch Substitute.—We have no definite information regarding any substitute for starch used for stiffening linen. We have heard it suggested that water-glass can be employed for the purpose, and should be glad if you will experiment with it and let us know the result.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Aug. 15, 1868.

The Lavender and Mint Harvest.

As doubtless anticipated by many of your subscribers, the unparalleled dry season has had its influence on the mint and lavender crops, as indeed on all the medicinal plants cultivated here. We are carrying our crops to the still fully a fortnight, and in some places three weeks, earlier than the average date. Unfortunately, some of the stilleries in Western Surrey have for some time been either out or short of water, the wells having "given in." Last year the lavender plants suffered severely by the unusual cold and frost; during the present season the crops have been thinned by excessive drought. Again, the dry spring prevented many of the cultivators from planting young mint and lavender, to replace the loss of worn-out stock. Those farmers on the low lands by the Wandle have been pretty fortunate, but those on the higher and more open grounds have but a very thin show of but two-feet high plants, where in other seasons we have seen four feet. The ottos, both from mint and lavender, are, however, remarkably fine and volatile, and prices range high for the 1868 distillations on account of fine quality as well as on account of short production.—*Septimus Piesse, F.C.S.*

EMETINE

HYDROCHLORIDE
HYDROBROMIDE

ALSO
EMETINE - BI_MUTH - IODIDE,
ATROPINE, STRYCHNINE,
CAFFEINE, THEOBROMINE, NICOTINE
QUININE SALTS,
IODINE & BROMINE PREPARATIONS

Mercurials, Refined Camphor,
MORPHINE AND CODEINE
Alkaloids and Salts.

Opium and all Opium Derivatives.

SANDAL WOOD OIL

Whiffen & Sons, Ltd., are sole Consignees of the
Mysore Government

Standard Product.

Complies with requirements of all Pharmacopœias.

Samples can be had upon application to—

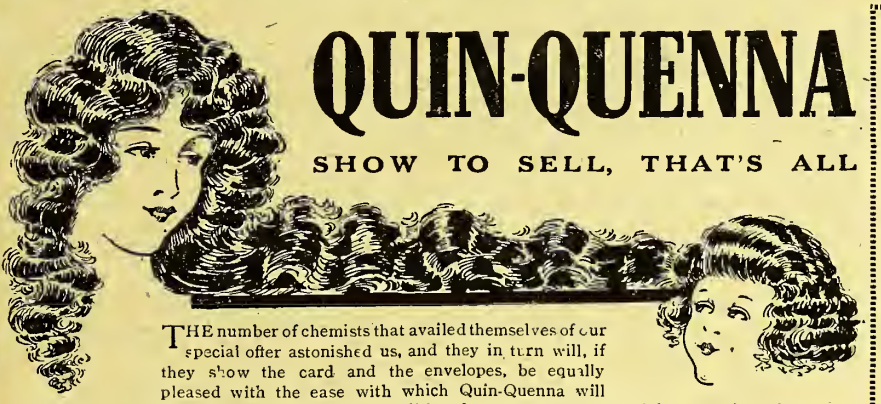
WHIFFEN & SONS, LTD., BATTERSEA, LONDON, S.W. 11.

Telegrams: "Whiffen London." Telephones: 254, 255 Battersea. Codes for Telegraphing: A B C; Lieber's.

A feature about this Hair preparation is the loyalty of the Public. Truly it can be said "once a Quin-Quenna user always one." That in itself is a potent reason why our proposition should interest you.

QUIN-QUENNA

SHOW TO SELL, THAT'S ALL



THE number of chemists that availed themselves of our special offer astonished us, and they in turn will, if they show the card and the envelopes, be equally pleased with the ease with which Quin-Quenna will be sold. Moreover, because of its sterling qualities the customer will certainly come along for more.

QUIN-QUENNA IS BOUGHT AT PER 4/- DOZ.

QUIN-QUENNA IS SOLD AT PER 6d. PKT.

QUIN-QUENNA P.A.T.A. PROFIT 33⅓% AND SALES EASY.

QUIN-QUENNA, be it noted, is *not* a shampoo. It is an admixture of certain herbs that are treated in a special way, which enables them to retain to the full their wonderful beneficient effects upon both scalp and hair. It is used like a shampoo because that seemed to be the simplest method of application.

Q Q Q Q Q Q Q Q Q Q

QUIN-QUENNA is advertised regularly in such media as *Nash's Magazine, New Magazine, London Mail, Pictures, Home Notes, Woman's Notes, Evening News, Daily Mirror, Bystander, Tatler, Story Teller, John Bull,* and all Odham's and Cassell's publications, &c., and a lot of the big Provincial papers, dailies, weeklies and monthlies as well, all of them tell readers to *'Go to your Chemist.' Have you supplies handy?*

OUR OFFER

to those who reply to this announcement in course of post is to send along a

6-DOZ. CARTON QUIN - QUENNA

It is an attractive double swing - back box supported with a neat little showcard in black and pale blue, and goes.

POST - PAID PROMPTLY.

We do not usually pay carriage on so small a quantity, but we are anxious that you should have goods to meet the demand.

CHRISTY'S,
OLD SWAN LANE, E.C. 4.

QUIN-QUENNA offer is still open to you, and is repeated to day. All you have to do is to send us a postcard, and per return we shall send you an original box of 6 dozen fitted with double lid (each of which is illustrated). The whole forming a neat package ready for immediate showing upon the counter or in window, along with the showcard that accompanies it.

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REMEMBER, that you don't have to talk up Quin-Quenna, the advertisements do that—and efficiently, too. Moreover, you need not think that the results from Quin-Quenna will disappoint your clientele because it lives up to its published statements. Finally, it has been sold for a considerable time and is, therefore, not a "here to-day and gone to-morrow" item.

HUBBUCK'S PURE OXIDE OF ZINC.

*Sold by the following Wholesale Druggists in Boxes of **7** lbs. and **14** lbs. stamped by the Manufacturers; also in **1**-lb. Boxes and **1**-lb. Glass Bottles :—*

Allen & Hanburys (Lim.)
Ayrton, Saunders & Co. (Lim.)
Baiss Bros. & Company [(Lim.)
Bell, Jno., & Co. [(Lim.)
Bleasdale (Lim.)
Boots' Pure Drug Co.
British DrugHouses(Lim.)
Burgoyne, Burbidges & Co.
Butler & Crispe
Clay, Dod & Co.
Cockburn & Co. (Lim.)
Corbyn, Stacey & Co.
Dakin Brothers. [(Lim.)
Duncan, Flockhart & Co.
Evans, Gadd & Co.
Evans Sons Lescher & Webb (Lim.)
Ferris & Co.
Gale & Co.
Glasgow Apothecaries' Co.
Glasgow New Apothecaries' Co.
Goodall, Backhouse & Co.
Harker, Stagg & Morgan (Lim.)
Harkness, Beaumont & Co.
Hatrick, W. & R., & Co.
Hirst, Brooke & Hirst.
Hodgkinson, Prestons & King.
Hodgkinsons, Clarke & Ward.
Horner & Sons.
Huskisson, H. O., & Co.
Inman's Stores (of Edinboro').
Ismay, John, & Sons
Lofthouse & Saltmer (Lim.)
Oldfield, Pattinson & Co.
Pinkerton, Gibson & Co.
Raimes, Clark & Co.
Raimes & Co.
Rankin & Borland.
Silversides, R. B. G.
Southall Bros. & Barclay.
Sumner, R., & Co.
Taylor, James.
Thompson, John (Lim.)
Willows, Francis, Butler & Thompson (Lim.)
Woolley, Jas., Sons & Co. (Lim.)
Wright, Layman & Umney (Lim.)
Wyleys (Lim.)

Barry, E. J., New York.
Carter, Carter & Kilham, Boston.
Finlay & Branswig, New Orleans.
Langley & Michaels, San Francisco.
Lehn & Fink, New York.
McKesson & Robbins, New York.
Muth Brothers & Co., Baltimore.
Roller & Shoemaker, Philadelphia.
Schieffelin, W. H., & Co., New York.
Shoemaker, R., & Co., Philadelphia.

HUBBUCK'S PURE OXIDE,

Is made by Sublimation, and is Warranted to contain upwards of

99 PER CENT.

Of Pure Oxide; in fact the impurities are not traceable.

THOS. HUBBUCK & SON, LTD.

(Established 1765)

24 LIME STREET, LONDON, E.C.3.

Manufacturers of—

White Lead, White Zinc, Paints, Oils, Colours, Varnishes, &c.

Australian Office—
34 QUEEN STREET, MELBOURNE.

The Manufacturers supply their Pure Oxide Wholesale only, in quantities of not less than 2 cwt.

We offer for Prompt Delivery

ALOIN
CHRYSAROBIN
EXTRACT MALE FERN
GOA POWDER
JALAP RESIN
OPIUM
PODOPHYLLIN
SCAMMONY RESIN

WE SOLICIT YOUR INQUIRIES.

J. F. MACFARLAN & CO.,

Manufacturing Chemists,

EDINBURGH AND LONDON.

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HOWARDS' ASPIRIN TABLETS

from January to July, 1918, are

FOUR TIMES

those from January to July, 1917, and

TWO HUNDRED TIMES

those from January to July, 1916.

Because they really are

THERAPEUTICALLY EFFICIENT.

Because as soon as they are brought to the notice of consumers, they *sell*, and repeat orders come again and again.

Because they satisfy an urgent public demand.

Because the Medical Profession is delighted with them.

Because they are well advertised to the public.

Because **over 100** % profit can be made on them by the Retailer.

LAST WEEK ONE FIRM ORDERED 100,000 BOTTLES.

Order elegant display boxes through your Wholesaler.

HOWARDS & SONS, Ld., ILFORD.

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Burgoyne,Burbidges &Co.
Butler & Crispe
Clay, Dod & Co.
Cockburn & Co. (Lim.)
Corbyn, Stacey & Co.
Dakin Brothers. [(Lim.)
Duncan, Flockhart & Co.
Evans, Gadd & Co.
Evans Sons Lescher & Webb (Lim.)
Ferris & Co.
Gale & Co.
Glasgow Apothecaries' Co.
Glasgow New Apothecaries' Co.
Goodall, Backhouse & Co.
Harker, Stagg & Morgan (Lim.)
Harkness, Beaumont & Co.
Hatrick, W. & R., & Co.
Hirst, Brooke & Hirst.
Hodgkinson, Prestons & King.
Hodgkinsons, Clarke & Ward.
Horner & Sons.
Huskisson, H. O., & Co.
Inman's Stores (of Edinboro').
Ismay, John, & Sons
Lofthouse & Saltmer (Lim.)
Oldfield, Pattinson & Co.
Pinkerton, Gibson & Co.
Raimes, Clark & Co.
Raimes & Co.
Rankin & Borland.
Silversides, R. B. G.
Southall Bros. & Barclay.
Sumner, R , & Co.
Taylor, James.
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On P.A.T.A.

32/- doz. Only size tin, 3/6 each

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550 (MONSANTO),

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FROM STOCK:—

Acetic Anhydride	Soda Salicylate
Phenacetin	Salol
Tannic Acid	Methyl Salicylate
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Genuine Russian **LIQUID PARAFFIN**
All gravities, correct viscosities

"Jasmine Brand" **ADEPS LANÆ** Superfine Anhydr. and Hydrous
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Actual Refiners and Manufacturers at their Works near London.

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RE-EDUCATION OF THE INTESTINE.

Constipation, Enteritis, Hæmorrhoids, Indigestion, Skin Blemishes, &c.

Price 5/- per box.

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POWERFUL BLOOD TONIC.

Anæmia, Nervous Exhaustion, General Debility, Tuberculosis Convalescence, etc.

Price 5/- per bottle.

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POWERFUL URINARY ANTISEPTIC.

Cystitis, Prostatitis, Catarrh of the Bladder, Renal Tuberculosis, etc., etc.

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SCIENTIFIC SUPPOSITORIES

For Hæmorrhoids, Rectitis, Anal Fistula, etc. Anti-hæmorrhagic, Sedative, De-congesting.

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SCIENTIFIC PREPARATION OF LACTIC FERMENTS.

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Price 5/- per bottle.

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Antiseptic for local Gynæcological use.

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SPECIFIC FOR THE LIVER.

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Eucalyptol Content	70/80 %
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Specific Gravity	·919 to ·928

Absolutely Free from Phellandrene.

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New Postal Address— 439 Flinders Lane, Melbourne. Cables—"Burnside Company, Melbourne."

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ACID SALICYLIC.
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BARIUM CARBONATE, 99%

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LEEDS.—Wanted, Temporary Assistant for six weeks; Light Retail and N.H.I. Dispensing. Give full particulars, when at liberty, and salary required, to Reinhardt & Sons, Ltd., Chemists, 7 Queen Victoria Street, Leeds.

LONDON CITY.—Wanted, Temporary Assistant for four or five weeks; hours 8.30 to 7 p.m. Apply, with full particulars and date and when at liberty, to Pollock & Co., 133 Fenchurch Street, E.C. 3.

LONDON, N.W.—Wanted, a Junior Assistant; lady or gentleman; unqualified; in- or out-doors; one accustomed to brisk Retail preferred. Apply, with full particulars, salary expected, W. C. Tucker, 1 Ashdown Street, Queen's Crescent, N.W. 5.

LONDON, S.E.—Experienced Assistant required for a good-class Family and Dispensing business about 20th August; outdoors; permanency. Apply, stating full particulars of experience, salary required, and when disengaged, to S. W. Rumsey & Son, 535 Lordship Lane, S.E.

LONDON, W.—Young lady Assistant required; must have had good Dispensing and Counter experience; comfortable berth; good salary. Apply 145/290, Office of this Paper.

MARGATE.—An experienced Assistant with good references; accustomed to dealing with Stock, Window-dressing, and Photographics; permanency to suitable man. Apply, with details of experience, age, height, and salary required, to D. T. Evans, Farningham Lodge, Margate.

ORMSKIRK, NEAR LIVERPOOL.—Wanted, lady or gentleman Assistant (outdoors) in good-class country business; two other Assistants kept. Apply, giving full particulars, to Garsides, Ltd., Ormskirk.

PONTYPOOL, MON.—Locum wanted for September, about 10th; unqualified, with good references and experience and thoroughly reliable. Godfrey C. Wood, Pharmacist, 5 George Street.

SHROPSHIRE.—Unqualified Assistant, lady or gentleman, for good-class Retail business; must be competent and reliable Dispenser; outdoors; easy hours. State full particulars and salary required, Bates & Hunt, Wellington, Shropshire.

SOUTH OF ENGLAND.—Assistant required (male or female); free removal; permanency with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

SOUTH SHIELDS.—Wanted, Manager for Branch; lady or gentleman; able to take charge and dispense N.H.I. State usual particulars to 226/2, Office of this Paper.

SOUTHSEA.—Wanted, Assistant for Dispensing; also young lady for Retail Counter. Please give full particulars and salary required to T. A. White, Elm Grove Pharmacy, Southsea.

SURREY.—Chemist requires lady Dispenser (at once), Hall qualification, for good-class business. State usual particulars 134/6, Office of this Paper.

WEST RIDING (Good Healthy District).—Capable qualified Manager required for a sound Family Retail business, which is doing well; good salary, with a liberal interest in the profits offered. Apply 145/191, Office of this Paper.

WEST RIDING, NEAR BARNSLEY.—Young lady Assistant required; must be a good Dispenser; comfortable permanency; good salary. Apply 145/293, Office of this Paper.

ADVERTISING PROPRIETARY.—Wanted, capable young man (discharged officer preferred) to take business control in a high-class Proprietary Business, advertising experience useful; salary £3 weekly; good prospects, together with future opportunity of investment if help is really valuable. Kindly state full particulars. 234/3, Office of this Paper.

ASSISTANT, unqualified, good all-round experience, for mixed Agricultural business; short hours, no Sunday duty. Full particulars first letter, enclose photo, state salary required (outdoors). D. Bell Kidd, M.P.S., Highbridge, Somerset.

ASSISTANT Dispenser wanted (lady) for East Dulwich Provident Dispensary; hours 11 a.m. to 1 p.m. and 6 p.m. to 8 p.m. daily, Sundays excepted; £60 per annum. Apply Hon. Secretary, 193 Landells Road, East Dulwich, S.E. 22.

ASSISTANT, lady or gentleman, in a Light Retail and Dispensing business; hours 9 to 7, Wednesdays 1, Saturdays 8, no Sunday duty. Send usual particulars to Thompson, Pharmaceutical Chemist, 31 The Grove, Ealing, London, W. 5.

ASSISTANT; outdoor (lady or gentleman); whole or part time; knowledge of Dispensing and Retail; no N.H.I. work. Apply G. W. G. Robinson, M.P.S., 307 Railton Road, Herne Hill, S.E. 24.

ASSISTANT for Counter work. Apply, stating sex, age, salary required (outdoors); good reference essential. Fife, Chemist, East Twickenham.

ASSISTANT wanted for high-class Dispensing business; outdoors; comfortable berth; good experience. Apply E. J. Appleby & Co., 8 Argyle Street, Bath.

ASSISTANT (exempt) wanted for end of August; permanency. Pope, Roach & Son, 71 St. James's Street, S.W.

ASSISTANT required for the Dispensing Counter. Full particulars to W. H. J., Allen and Hanburys, 37 Lombard Street, E.C. 3.

ASSISTANT, locum or permanency, London, S.W., for Stock, etc.; busy cash trade. In reply please state age, experience, salary, etc., to 240/35, Office of this Paper.

ASSISTANT; qualified preferred; ineligible; must have had good experience and best references. J. B. Hay & Co., 6 New Coventry Street, W. 1.

CAPABLE, unqualified Assistant required (immediately); duties chiefly Dispensing; S.W. district. Apply 239/19, Office of this Paper.

DISPENSER (qualified); thoroughly experienced man required; outdoors; permanency; hours 8 to 6, Wednesdays till 1. Write, giving fullest details of previous experience, references, and salary required, to Mr. J. R. Craig, Chemistry Department, 17 and 19 Union Street, Aldershot.

DISPENSER wanted; qualified or unqualified; London; male or female; reside over Surgery; own furniture; permanency; hours 10 to 1 and 6 to 8; no children preferred; good pay; work very light. Dr. M., 61 Roseman Street, Clerkenwell, E.C.

DISPENSER, qualified (either sex), required, with good experience of first-class business; easy hours; permanency. Post fullest details of previous experience and remuneration required to Manager, Junior Army and Navy Stores, Ltd., Union Street, Aldershot.

DISPENSER (lady preferred) wanted. Send full particulars to Dr. Williams, Buckley, near Chester.

GOOD opening for a young qualified man; either rejected, discharged, or Grade 3; permanent and lucrative post. "H. L." (145/292), Office of this Paper.

GUY'S HOSPITAL.—A sixth Dispenser required; Minor qualifications essential; salary £150 per annum. Apply to the Acting Pharmacist.

JOHN BEACHELL, 17 Market Street, Nottingham, requires lady Assistant (immediately); must be good Dispenser and Saleswoman. State qualification, salary required (outdoors), with references.

JUNIOR Assistant; lady or gentleman; ineligible. Full particulars and salary required, T. M. Cook, Chemist and Optician, Hindley, Lancs.

JUNIOR Assistant wanted for N.H.I. Dispensing and Counter; lady or gentleman; short hours, Sunday duty, 1½ hours every other Sunday. Millar, 113 Burdett Road, E.

LADY Assistant, Minor qualification, required at once; short hours. Apply Mr. Longstaff, John Barnes & Co., Ltd., 191-217 Finchley Road, N.W.

LADY Pharmacist wanted, as soon as possible, for good-class business, Counter and Dispensing, in healthy district near Cardiff; good wages to suitable applicant. Apply, with full particulars, to "Camphora" (237/3), Office of this Paper.

LADY Dispenser (qualified) wanted; live out; dinner and tea provided; state salary required. For particulars, etc., address the Medical Superintendent, Bracebridge Asylum, near Lincoln.

LADY Assistant, chiefly for Dispensing, Hall qualification, short hours, required at once. Apply Mr. Longstaff, John Barnes & Co., Ltd., 191-217 Finchley Road, N.W.

LADY Dispenser-Bookkeeper required for August 20th; country practice, 17 miles from London; weekly salary £2. Apply for particulars to 241/18, Office of this Paper.

LOCUM, unqual. or qual., wanted from September 9 to 21, inclusive; Dispensing only; good-class business; no responsibility of management. Apply W. Parry-Jones, Chemist, High Barnet.

LOCUM for one month; good experience and reliable; unregistered; good references. 18 Wilton Road, Victoria Station.

LOCUM required for two weeks in August or September. References and salary required to 43 Norland Road, Notting Hill, W.

LOCUM (registered) required; country business; short hours, no Sunday duty. Chemist, 96 Market Street, Hednesford, near Stafford.

LOCUM for two or three weeks in September: working-class mixed business. State salary and full particulars, S. P. Billington, 79 Midland Road, Rotherham.

LOCUM (qualified) for Dispensing and Light Retail business about 25 miles from town; about four weeks, commencing in August. Apply 9 Alwyne Mansions, Wimbledon, S.W. 19.

LOCUM or permanent for Dispensing and Counter work; good experience. State references and salary required, R. Needham, Chemist, Stalybridge.

LOCUM (qualified) for month of September; must be reliable and accustomed to good-class business; light hours. State salary required (indoors) and send references to W. F. J. Shepherd, c/o Davies & Shepheard, Bridge Street Row, Chester.

MANAGER, qualified, lady or gentleman, for Richmond Hill Pharmacy. Apply Rex Blanchford, Chemist Optician, 76 High Street, Wimbledon, S.W. 19. 'Phone 543.

MANAGER; North London; Light Retail and Dispensing (outdoors). Photography; one whole day holiday weekly. State full particulars and when disengaged to "Aspirin" (239/24), Office of this Paper.

MANAGER; qualified; indoor or outdoor; would suit elderly gentleman or one in delicate health, as work is light; beautiful country; easy hours, no Sunday duty, half-day, etc. Apply, stating full particulars, 240/18, Office of this Paper.

MANAGER (qualified), preferably with knowledge of Spectacle Optics, for small country business; commencing salary £200 per annum, with rooms, etc.; permanency, with advancement to suitable man. Apply 242/2, Office of this Paper.

MANAGER (qualified) for old-established Cash Drug Store with N.H.I. Dispensing; Dispenser kept. State all particulars in first letter, or personal application preferred, Page, 186 Essex Road, Islington, N.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

OUTDOOR Assistant wanted (gentleman) for Clapham district, or one part-time; this would suit a student at one of the South London schools. Apply, with usual particulars, R. Banbury, 390 Walworth Road, S.E. 17.

QUALIFIED Assistant; male or female; outdoors. Apply, stating age, experience, and salary required, to L. Cameron, Pharmaceutical Chemist, Seaford, Sussex.

QUALIFIED Manager for good-class business in London, S.W.; must be active and reliable; pleasant locality, and excellent house accommodation; view to succession entertained on very favourable terms. Apply F. J. Sproston, 118 Rodenhurst Road, Clapham, S.W.

QUALIFIED Lady Dispenser required for Pricing National Insurance Prescriptions in London; hours 9 to 5; salary £2 weekly; applicants must be quick at figures and possess a thorough knowledge of decimal calculations. Apply 140/59, Office of this Paper.

QUALIFIED Assistant wanted (at once) for probably about six months; outdoors; would suit elderly man. Please state terms and other particulars, J. and S. Green, Chemists, Nunhead, S.E.

QUALIFIED Senior Assistant for Counter and Retail department. Apply Hunt & Co., High Street, Winchester.

REQUIRED, qualified, steady, and reliable Locum for two or three weeks the end of August. Please state full particulars and salary required to "Manager," 1 Barons Court Road, West Kensington.

SURGICAL INSTRUMENT BUSINESS.—Assistant for Shop Counter; state age, other duties accustomed to, and wages expected. Reply "Surgical," Lee & Nightingale, Liverpool.

UNQUALIFIED Assistant, rejected, Grade 3 or discharged, for progressive Store business in healthy West Riding town; comfortable permanency, with good prospects. "W. R." (145/29), Office of this Paper.

UNDER Assistants wanted, Junior or Improver (outdoors), for Light Retail and Dispensing business; previous experience necessary. Apply S. W. Dawson, 56 Knights Hill, West Norwood, S.E. 27.

WANTED, a Qualified Assistant, young, unmarried, exempt, with a view to succession; business established 84 years; Mixed Drugs, Stationery, Fancy Goods; substantial and increasing returns. Apply 236/40, Office of this Paper.

WANTED, qualified Manager (ineligible) to take complete control of Chemist's business during absence of owner on military service; medium-sized good-class Family Retail and Dispensing business; 25 miles from town. Apply, stating references and salary required (outdoors), 229/25, Office of this Paper.

WANTED, qualified Assistant; female or discharged soldier; capable taking sole charge. Application, with full particulars, to Charles B. Stout, M.P.S., Chemist, Lerwick, Shetland Isles, N.B.

WANTED, a qualified lady as Assistant Dispenser. Apply, stating age, salary required (photo if possible), and references, to Messrs. Wyllys, Wyllys & Ley, Surgeons, Great Yarmouth.

WANTED (at once), qualified Assistant; lady or gentleman; seaside branch; ineligible. Give full particulars of experience, references, salary required, when disengaged, photo if possible, Walker & Harris, Ltd., Chemists, Sun Street, Canterbury.

WANTED, lady Assistant to put up Stock and assist at Counter; one with previous Counter experience preferred. Apply, with full particulars and salary required, to W. J. Boyes, 61 Balham Hill, S.W. 12.

WANTED, Assistant, male or female, for middle-class business; capable doing Dispensing of N.H.I. and putting up stock and serving; unqualified; outdoors; hours 9-8; Croydon district. "D.," 4 Lennard Road, Croydon.

WANTED, qualified Locum for three weeks in September; good-class business; outdoors. Sanderson, West Kirby, Cheshire.

WANTED, a fully-qualified Manager, accustomed to take charge of a first-class business; to a really good and capable man a permanent and improving position is offered with a leading West-End firm. Apply "B. C." (240/37), Office of this Paper.

WOMAN Pharmacist required, September, for Retail; some N.H.I.; London district; non-resident; state salary. Apply, for further particulars, 239/33, Office of this Paper.

WHOLESALE.

LANCASHIRE Wholesale is in need of several Assistants for Counters, Hamper Packers, and also good Stockkeeper. State experience and wages to 240/16, Office of this Paper.

AYRTON, SAUNDERS & CO., LTD., require a capable man to assist in the management of the packed goods department. 34 Hanover Street, Liverpool.

ASSISTANT Forewoman; superintend packing of Toilet and Medicinal goods; must be experienced and used to control. Apply by letter, giving full particulars and salary required, F. & M., Ltd., 59 Bermondsey Street, S.E. 1.

EXPERT EXPORT PACKER.—First-class man required (ineligible for military service), used to packing Drugs, Chemicals, Sundries, and Surgical Instruments, by Lennon, Ltd., 14 Lafone Street, Tower Bridge, London, S.E.

JUNIOR Ledger Clerk (female), with general office experience, required in a London Wholesale house. State experience and wages, 237/32, Office of this Paper.

MANAGER for Wholesale Drug, Sundries, and Packing Warehouse required in provinces; permanency with excellent prospects if suitable. Please mention, in strict confidence, age, experience, salary desired, etc., 238/18, Office of this Paper.

MANAGING Clerk, by Wholesale Druggists; should understand shipping routine, licence work, etc. H. E. Stevenson & Co., 122 Great Suffolk Street, S.E. 1.

PORTER wanted; preference given to one who knows a little about the business; good wages. J. B. Hay & Co., 6 New Coventry Street, W. 1.

SHIPPING CLERK.—Wanted, by Export Druggists, a first-class man able to take the entire control of the Shipping Department; must be thoroughly acquainted with the Drug and Chemical Trade and have a complete, up-to-date knowledge of the requirements of the War Trade Department and Customs regulations; would be required to attend to Marine and War Risk Insurances and to control a staff of 10 besides supervising an export packing floor. Apply, by letter only, giving full paritoulars and stating salary required, to Lennon, 14 Lafone Street, London, S.E. 1.

TABLET Maker or Granulator wanted; Liverpool; permanent post; good salary. Apply 137/18, Office of this Paper.

TABLET Maker and Coater required in provinces; comfortable permanency with good prospects if suitable. Apply 238/180, Office of this Paper.

TRAVELLER for South Coast wanted for Toilet Articles, to call on Hairdressers; must be good Salesman. State particulars of experience, salary, and when disengaged to C. A. Stokes & Co., Ltd., 31/35 Lr. Castle Street, Bristol.

WANTED, a man experienced in Capsule making by machinery; must be rejected or ineligible for the Army. Apply, stating salary required, 145/30, Office of this Paper.

WAREHOUSEMAN for London Perfumery and Toilet Goods Factory; must be reliable Stockkeeper, able to keep neat and exact records; experience with shipments in Bond, making out abstracts, and clearance through Customs desired; good salary to suitable man desirous of improving his position. Write, in first instance, giving full details of capabilities, to 143/34, Office of this Paper.

WET Counter Hand, male or female, wanted by London Wholesale firm. State wages and experience, 237/320, Office of this Paper.

WORKERS (male) wanted for Chemical Laboratory dealing in Pharmaceutical Specialities, etc.; must have Chemical and Pharmaceutical knowledge (qualified or unqualified); ineligible. State experience, salary required, and send copy of reference to Box 627, Smiths' Agency, Ltd., 100 Fleet Street, London, E.C. 4.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

JAPAN.—Wanted immediately, an Assistant (qualified preferred) in a first-class Chemist's business at Kobe; easy hours; four years' contract; passage paid out and home; must be ineligible for the Army. Send for full particulars, with photo, to J. W. Franklin, 28 Alleyn Road, London, S.E. 21.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

[HOME.]

RETAIL.

A QUALIFIED man desires seaside or country village berth; rejected; 40; married; permanency; with or without view; gradual succession; abstainer. Apply 238/23, Office of this Paper.

ADVERTISER, desiring change, wishes situation as Manager in September; qualified; all-round experience; Extractor, Prescriber, Dispenser, N.H.I., etc.; live over shop; anywhere north of the Trent; market town or seaside preferred. Apply 232/28, Office of this Paper.

AS Locum; qualified; abstainer; August 21st to 31st inclusive; over military age. Apply 238/14, Office of this Paper.

ASSISTANT; 22; tall; discharged soldier; unqualified; 4 years' experience; Liverpool district preferred. Apply 237/13, Office of this Paper.

BIRMINGHAM.—Situation required in Retail, Wholesale, or as Locum; well recommended; exempt. "Rhei," 146 Icknield Port Road, Birmingham.

DISPENSER, qualified woman, experienced, disengaged August 19th; linquist; care of instruments, books, etc. Miss Meakin, c/o National Provincial Bank, 53 Baker Street, W.

DISPENSER wishes to do Locum work; holds Apothecaries' Hall certificate. Apply to 240/40, Office of this Paper.

DISPENSER (Hall) requires post with Doctor; country preferred. Apply 240/34, Office of this Paper.

DOCTOR, living in lovely Kent village, offers hospitality and expenses to lady Dispenser in exchange for three to four hours' work daily from August 20th to August 31st. Apply 144/31, Office of this Paper.

EVENING and other help offered in exchange for bedroom, etc.; qualified. Apply 239/27, Office of this Paper.

INELIGIBLE; unqualified; 31; married; first-class experience; short hours; state salary; country preferred. Apply 240/8, Office of this Paper.

LADY Assistant, age 19, Chemist's daughter, 1½ year's good Dispensing experience, seeks outdoor situation in good-class Retail at end of September in London; easy distance of Finchley. Kirkman, Chemist, New Milton, Hants.

LADY Dispenser (Hall) requires post; North London; short experience with Doctor and Hospital. Apply 238/15, Office of this Paper.

LADY Dispenser, Hall qualification, seeks post in Birmingham district; locum or permanency. Apply 144/18, Office of this Paper.

LADY Assistant; thorough knowledge Counter, Stockkeeper; seven years' experience, three London; good references. M. Leppington, 20 Western Road, Eastbourne.

LOCUM, qualified, 30, will take charge last fortnight in August. Pharmacist, c/o Johnson, Chemist, Birkley, Huddersfield.

LOCUM desires fourteen days' engagement in September, in small seaside town; light duties; remuneration proportionate; Devon or Cornwall preferred. Pharmacist, c/o Mr. Cocks, Edgcumbe Street, Stonehouse, Plymouth.

LOCUM; disengaged August; experienced Manager; 45; very active; offers, or £5 weekly and fare. "Chemicus," 48 Devon Place, Newport, Mon.

LOCUM; disengaged September 9th; 45; tall. Howes, 15 Hexthorpe Road, Doncaster.

LOCUM; fortnight or part in August; qualified. "Statim," 5 Rutland Street, Colne, Lancs.

LOCUM Chemist, having a few weeks at liberty before taking over a new business, offers services; age 46; many years successful proprietor. "Southern" (240/36), Office of this Paper.

LOCUM, qualified, thoroughly experienced, offers his services for two weeks end of August. "Smith," c/o W. V. Dowson & Co., Gamage Buildings, Holborn, E.C.

LONDON.—Qualified lady; first-class Retail experience; excellent references; state hours, salary offered. Apply 237/27, Office of this Paper.

MANAGER Assistant; 25 years' last situation; married; exempt; unregistered; well up in all branches, Store trade, or otherwise; disengaged. State salary, 239/14, Office of this Paper.

MANAGER; unqualified; abstainer; silver badge; Retail; good Prescriber, experienced Photographer; disengaged August 16; London preferred. "Reflex," 33 East Street, Andover, Hants.

MANAGER; middle-age; exempt; energetic; experienced; immediate engagement; London; good Salesman, Prescriber, etc.; with or without view; easy succession; unregistered. Address "Reliable" (239/20), Office of this Paper.

MANAGER or Assistant; 48; abstainer; London district. S. S., 98 Greyhound Lane, Streatham.

MANAGER Assistant; Locum; qualified; elderly; experienced Dispenser. Pharmacist, 9 Stanley Road, Bath.

MANAGER, qualified, 44, all-round experience, requires good position; capable of taking full charge. State salary, 241/1, Office of this Paper.

PHARMACEUTICAL Chemist, 28, married, ineligible, excellent experience, desires Managership, Eastern Counties, middle September; good man requiring good salary and permanency. State particulars, "Opportunity" (241/9), Office of this Paper.

QUALIFIED.—Sunday duty required in Crystal Palace district. "M.," 28 Pleydell Avenue, Upper Norwood.

QUALIFIED, C3, 25, married, highly recommended, desires management of country or seaside Pharmacy; South or South-West. Apply 238/12, Office of this Paper.

QUALIFIED Manager for duration; recently own business; fully experienced all classes; immediate. Apply 240/30, Office of this Paper.

QUALIFIED desires Managership; North Country preferred; married; 29; Grade II.; excellent references; all-round experience. State hours and salary offered, 239/39, Office of this Paper.

QUALIFIED; 56; first-class experience and references; Manager or Locum; abstainer; good Prescriber; disengaged end of August. Apply 240/27, Office of this Paper.

QUALIFIED (35) desires Managership in healthy country town; view to succession within two months; Scotland or North England preferred. Apply 241/37, Office of this Paper.

RELIABLE Dispenser and Surgery Attendant, 30, disengaged July 8th, requires locum or permanency with Doctor or Institution; last situation, one year management of Drug Store, five years with Doctor. Write Mr. M. Birch, 16 Melrose Gardens, Hammersmith, W. 6.

RELIEF gentleman, qualified, one or two days weekly. "Pharmacist" (242/3), Office of this Paper.

SURGEONS' experienced Dispenser and Bookkeeper, unqualified, requires situation as Managing Assistant; twenty years with present firm; Prescriber, Extractor, understands Minor Surgery, Surgical Instruments and Appliances; can introduce business; partnership entertained; salary and commission. Apply, stating salary offered, to 238/24, Office of this Paper.

THREE evenings a week, including Saturdays, wanted locally; excellent Dispensing and Counter experience. "Rhei," 39a Mercer Road, N. 7.

WELL-EDUCATED, well-experienced Assistant or Manager desires Saturday afternoon and evening and Sunday work; Manchester district; permanently discharged from Army; age 32. Apply 240/32, Office of this Paper.

YOUNG lady requires post with Chemist; 12 months' experience; in or near Sheffield. Apply 238/13, Office of this Paper.

WHOLESALE.

LONDON.—Gentleman, first-class commercial training, disengaged about two months' hence, desires permanency in progressive house offering scope for advancement; present responsible position ten years; well educated; all-round experience and initiative; healthy, active; Grade 3; 40; good salary and prospects essential; excellent references. Apply 241/2, Office of this Paper.

CHEMIST, 33, wishes to negotiate with view to a permanency in a good firm; for over four years Manager of the Drug and Chemical side of a well-known firm, with full control of Buying, Sales, Warehouse Staff, etc.; liberal salary, with attractive future prospects essential; no objection to Provinces or foreign parts at termination of war. Write Box 227/18, Office of this Paper.

DISENGAGED, Grade III., seeks permanency; with small Wholesale preferred; well up in speciality making, or would travel. "Rhei" (238/35), Office of this Paper.

QUALIFIED Salesman; discharged; Army Reserve; highest references; salary and commission; reasonable hours. Apply 238/8, Office of this Paper.

REPRESENTATIVE requires position; 20 years with present firm; good connection Agricultural districts, England and Wales. Apply 240/20, Office of this Paper.

REPRESENTATIVE, well educated, experienced Wholesale and Retail, desires berth either as Traveller or Departmental Manager; permanently discharged from Army; age 32. Apply 240/320, Office of this Paper.

SITUATION required; Wholesale or Retail; reliable; exempt; used to Drug Sundries, Patents, or Stock; disengaged; eight years' experience. Apply 239/15, Office of this Paper.

MISCELLANEOUS.

GLUE FOR SALE, to be cleared in small or large parcels; 2 tons Atlas Scotch, 1 ton Pale Square, 5 tons Bright Oblong, 7 tons Unstamped French. Write, stating quantity required, to "Glue," c/o J. W. Vickers & Co., Ltd., 5 Nicholas Lane, E.C. 4.

TOOTH Brushes, 15 gross, best silver drawn, London made, 16*s.* 6*d.* per dozen, 3½ gross super quality, French, ladies, 15*s.* 9*d.* per dozen; sample dozen, either, posted upon receipt of cost. H. C. Miller, Beddington Corner, Mitcham.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

SHOWCASES AND SHOP FITTINGS.—Several fine Silent Salesman Showcases and Counters; quantity of useful Shop Fittings; low prices. Write inquiries, Philip Josephs & Sons, Ltd., 93 Old Street, London, E.C. 1.

90 LB. Saccharin Tablets, ½ grain, 330 in 1, 21*s.* 6*d.* per 1,000, 145*s.* per lb.; ¼ grain, 330 in 1, 16*s.* per 1,000, 110*s.* per lb.; cash with order; registered post free per return. Francis Hallam, Ltd., 22 High Street, Burton-on-Trent.

1,000 GROSS, each size 3 and 4 dram, Tin Boxes; cheap. Lamont, 32 Regent Park Square, Glasgow.

EXCHANGE COLUMN.

One halfpenny per word with name and address. One penny per word if we register the address and attach a number. No advertisement inserted for less than 6*d.*

FOR DISPOSAL.

DRUGS AND CHEMICALS.

1 CWT. Cera Flav. at 2*s.* 3*d.* per lb., carriage paid. Apply 238/9, Office of this Paper.

MISCELLANEOUS.

FOUR Celluloid Full Upper Showpieces. R. Lamb, 123 West End Lane, London.

ON Sale, about 2 gross each of 2 sizes Sanatogen shape Tins; new; 10*s.* and 12*s.* per gross. Jenner Food Co., Ltd., Dukinfield.

STOCKTAKINGS.—Shop-soiled Trusses, assorted sizes; 7 Scrotal, 46 double Inguinal, 30 single Inguinal, the lot at 9*d.* each. Wood, Druggists, Oldham.

5-CWT. finest granulated Wood Charcoal, 8*s.* lb.; 6 lb. Wayne County Oil of Peppermint; delivered free from £6. Butterworth, 11 Bewley Street, Manchester.

WANTED.

PAIR Dispensing Scales. Wigglesworth, West Houghton, Lancs.

GROUND Red Sanders Wood. Reply to T., 2 Flodden Road, Camberwell, S.E. 5.

550 Saccharine.—Wanted, one or two 25-pound tins. Tranmer, High Street, Smethwick.

WANTED, Glycerine in any quantity; state quantity and price. 142/49, Office of this Paper.

OINTMENT-FILLING Machine, new or second-hand. V. S. C., 32 Church Street, Burnley.

CIRCULAR Ruby Lamp for outside use; good condition. Stevens, Chemist, Heath Street, Hampstead.

GRINDING Machine for Chemicals; hand or power; state maker. V. S. C., 32 Church Street, Burnley.

WANTED, Thiocol Tabs. (5 gr.), stamped; Liebig's Wine. McMullan, Chemists, Larne.

PETROLEUM Jelly; not particular to colour; any quantity. Sample and price, V. S. C., 32 Church Street, Burnley.

TABLET Machine wanted. We are prepared to pay an exceptionally good price for it. A. Mondi (242/6), Office of this Paper.

HOMŒOPATHIC Pilules, unmedicated; 28 lb. or more. Sample and price. Hudson, 117a Gibbet Street, Halifax, Yorks.

TABLET Making.—Several hand-power machines wanted; good prices paid. Address Chapman & Co., 8 Mortimer Street, W.

TABLET-MAKING Machine; motor driven; latest type. Milroy Chemical Co., Ltd., 5 Newcomen Street, Borough, S.E.

WANTED, Radium Salt, pure or Residues, old Applicators, etc. Apply Harrison Glew, Radium Laboratories, 156 Clapham Road, S.W. 9.

POWER-DRIVEN Jacketed Mixer, suitable for Toilet Creams; any size up to 5-cwt. capacity. Apply 128/41, Office of this Paper.

500 gross Ointment Tins, etc.; also quantity Labels for Proprietary articles. Send samples and lowest price for cash, James, Chemist, 15 Crownhill Road, Harlesden, N.W. 10.

WATSONS' OF SHEFFIELD

Give TWO-THIRDS Retail Price for No. 1 Junior Kodaks and No. 2 Folding Brownies and for many other cameras.

Three-quarters Retail Price for ROLL FILMS of all kinds.

Out-of-date films bought for experimental purposes.

If you have anything photographic, cameras, apparatus or supplies you cannot sell, send it to us now. It will never be worth so much to you again.

Ask your nearest chemist friend if he was satisfied with the price we paid him. He'll tell you.

All remittances immediately and all goods returned CARRIAGE PAID at once, if required.

TESTIMONIALS. LONGTON.

"Many thanks for postal order to hand yesterday. I must say that you have been most courteous and straightforward over this matter. Indeed, I cannot conceive of a firm being more straightforward than yourselves." H. H. E.

HOLLOWAY, N.

"I am in receipt of your letter and cheque, value £5, in payment for camera; and I am greatly obliged by the prompt and liberal treatment I have received in the matter." C.W.

WATSONS', The Camera House,
Tel. No. 27. 84 High Street, Sheffield.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation, cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W. 4.

SPECTACLE Lenses, Gold-filled Spectacle and Eyeglass Frames, in any quantity. Particulars and prices to Bishop & Vincent, 460 Holloway Road, N. 7.

BIG prices paid for Stokes' or Colton Tablet Machines; Pill Machinery also wanted. Particulars to 78/58, Office of this Paper.

JOB line Tins wanted, suitable for Boot Polish, etc. We are also buyers of Tin Plates, printed or plain. Also Cartons for same. "Brytenup" Polish Works, Marsh Lane, Preston.

WANTED Acid. Acetic Fort., large or small quantities; 2 oz. Pomade Pots. T. A. Andrews, 126 Stephendale Road, Fulham, S.W. 6.

WHITE Beeswax and Stearic Acid; best qualities only; small or large lots bought for cash. State price and quantity on offer to 145/46, Office of this Paper.

WANTED, a Tablet Machine with ¼, ½, and 1 grain moulds. State price and condition, and when could soonest deliver, Bergin, c/o Leighton, 35 Grays Inn Road, London, W.C. 1.

ANILINE Dyes. What offers for lot? 2 oz. red, ¾ oz. puce, 1 oz. violet, 3 oz. maroon, ½ oz. crimson, 1½ oz. green, ½ oz. purple, ½ oz. scarlet, 2½ oz. pink. Sturdy, Ripponden, Halifax.

WANTED, recent edition Kipping and Perkin's "Organic Chemistry"; also Hampshire's "Volumetric Analysis." S. T. Watson, 16 Hastings Road, West Ealing.

A EUREKA Tablet-making Machine, with a full set of dies and punches in perfect order; also a machine or machines for making Toffee Balls from ½ dia. to ⅜ dia., in good working order as above; also wanted, a good and sound retail Chemist's Shop, and stock must be good and cheap for cash; somewhere in the London area. 142/44, Office of this Paper.

ALL CHEMISTS SHOULD STOCK ABDINE

THE GOLD MEDAL FRUIT DRINK.

Quick Seller. Big Profits. Over 40 Years' Reputation.

"ABDINE" is the most popular Health Drink. Superior to all Mineral Waters. Sold in Packets, 1½d. each; Boxes of 13 packets, 1/6.

Wholesale Prices on application. Sample Box 1/6.

D. M'GLASHAN, M.P.S., Abdine Works, Westfield Road, EDINBURGH.

SACCHARINE

GUARANTEED PURE

TABLETS

¼ GRAIN ¼

330

SOLUBLE,
FULL STRENGTH,
WELL MADE.
GUARANTEED.

DO YOU WANT IMMEDIATELY?

Then send your order at once. There are no better Tablets at present on the market, and they are absolutely unloaded.

1,000 @ **27/6** m.
2,000 **25/-** m.
4,000 **22/6** m.
10,000 up. **21/-** m.
Cash with Order.

LEIGHTON,
35 Gray's Inn Rd., London, W.1

EVERY DAY

someone is wanting DR. WILSON'S "MOOVIT" CORN PENCIL. It is well advertised, and commands a ready sale.
Retails **1/3.** (P.A.T.A.)
Wholesale Agents: May, Roberts & Co., Ltd.; Sangers; W. Edwards & Son; Barclay & Sons, Ltd.
Attractive Show Bills, &c., from TALBOT WILSON, 20 Highgate Road, LONDON N.W. 5.

"HOLMIER" BRAND
COMPOUND SACCHARIN TABLETS.

One is equal to a teaspoonful of sugar.
Made with American 550 Saccharin. **16/-** per 1,000 Reg. post paid.
Cash with order. Immediate Delivery.
MEYER, Manufacturing Chemists, GRAVELLY HILL, **BIRMINGHAM.**

SACCHARIN TABLETS.

¼-grain 330 Saccharin in each.
16/- per 1,000; 20,000 15/6.
100,000, 15/-; 500,000, 14/6 per 1,000.
CASH WITH ORDER. POSTAGE PAID.
DAMANCY & CO., HARROW.

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Advertisers are prepared to undertake the blending of Shampoo, Tooth, and other Toilet Powders, in large or small quantities at lowest possible rates. Good workmanship and prompt delivery. Ingredients supplied if desired at lowest market prices. Write, stating requirements—
MARTIN & CO., 71 City Road, Finsbury, London, E.C.1

SACCHARIN TABLETS.

RELIABLE and SATISFACTORY

¼ grain in 1. 1000 at **17/2** 1 lb., about 8000, **£6 15 0**
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C.W.O. Registered Post Paid. Prompt Delivery.
STONE & CO., Wholesale Druggists, 16 Exchange St., NORWICH

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½-gr. 330 in 1	... ...	10,000 at **21/6** per 1000
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¼-gr. 330 in 1	... ...	10,000 at **16/6** per 1000
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Cash with Order. Reg. Post Free.
J. AUSTIN, Chemist, Alum Rock Rd., SALTLEY, Birmingham

COTTON WOOL 2/2 per lb.

in 1 cwt. lots; 56 lb. at **2/2½.** Carriage paid. Cash with order. Wrappers 3/6 extra, and are returnable. The wool is white, absorbent, and interleaved. Sample for stamp. Special price for bigger lots. Super quality at reasonable prices.
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TEA SWEETENERS

"ASPANCO" BRAND.
ONE EQUAL TO A LUMP OF SUGAR.
16/- per 1000, Post Free. Cash with order.
A. S. PRICE & CO. Ltd., Blackheath, Birmingham.

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CHELTINE FOODS CO., CHELTENHAM.
FLOUR, BISCUITS, BREAD, FOOD, etc.
Highly Recommended by Medical Profession.
INFANTS' FOODS packed under Chemists' "OWN NAMES."
All particulars on request.

"WAVCURL" promotes Curly Hair.

An absolutely unique scientific toilet preparation. Harmless and effective. Sells at sight. Widely advertised and shows a splendid margin of profit on minimum protected price. Every Chemist who appreciates the value of quick returns and satisfied customers should stock "WAVCURL." Descriptive circular will be sent to all chemists on applying for it. Special to Wholesalers.
Packets, **1/6**, at **9/-** per doz. Bots., **2/9**, at **21/-** per doz.
THE NEW WAVCURL CO., Fulwood House, High Holborn, London, W.C.1

Special Offer of HAND-DRAWN FIGURE SKETCH SHOW CARD, &c.

Discharged from the Army, wounded and unfit for further service, I have re-opened my business, and as a *Special Advt. Line* offer the following for a few weeks only:—
2 15×10 Cards, with Hand-drawn Illustrations, for Coughs, Colds, Influenza, Corn Paint, Shampoo Powders, &c., & **2** 12×9 Cards for any "Prep.," NO sketch, all in effective style. For **6/9** carr. paid
F. MERTEN, 112 Warham Rd., HARRINGAY, LONDON, N. 4.
(Late F. M. & Co. of Holloway.)

SACCHARIN TABLETS.

Immediate Delivery from Stock of 3,000,000.

½ grain 330 in 1. 7,030 to the lb.—
1,000 @ **21/9**, 5,000 @ **21/6**, 1 lb. @ **£7/8/6**, 2 lbs. @ **£7/8/0**, 3 lbs. @ **£7/7/6**, 5 lbs. @ **£7/6/6**, 10 lbs. @ **£7/5/6**, 25 lbs. @ **£7/4/6**
¼ grain 330 in 1.
1,000 **16/11**, 5,000 **16/8**, 10,000 **16/3**, 25,000 **16/-**, 50,000 **15/11**, 100,000 **15/9**, 250,000 **15/8**, 500,000 **15/7**.
Finest Tablets made. Free registered post return guaranteed cash with order. Cheques crossed London, City & Midland Bank.
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UNCONTROLLED 330

SACCHARIN TABLETS

1,000 @ **21/-**
10,000 **20/-** per 1,000.
C.W.O. Reg. Post Free, per Return.
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P.A.T.A. NOTICE.

The prices announced below will come in force as from the date of this issue :—

Advert. Price.		Minimum Retail Price.	Minimum Wholesale Price.
1/3	**Euthymol** Tooth Paste	1/3	10/2
1/3	**Euthymol** Tooth Powder....	1/3	10/2

NOTE.—Other price changes have been notified to the Council but not yet passed.

SHUGOW

Sugar Substitute for Jam Making, &c.

CHEMIST, ATTENTION !

1 oz. of Shugow equals 1 lb. of Sugar, about 16 times sweeter than Sugar. One pinch sweetens cup of tea, &c.

SHUGOW

Good for CAKES, PUDDINGS, ICE CREAM, PASTRY, JAM, &c.

One teaspoonful equals 2 oz. of Sugar. **8d.** a packet. Try one, you will be delighted. Sells like hot cakes! 3 doz. **22/-**, 6 doz. **42/-**, 1 gross **£4.** Cash with order. Carriage paid.

Saccharin Tablets (½ gr. in 1) £7 10 0 per lb.

Richard Hoult, 73 Elford Grove, Leeds.

SACCHARINE TABLETS

(½ gr. 330 in 1)

		£	s.	d.	
1 lb.	- -	7	10	0	per lb.
2 ,,	- -	7	9	6	,,
3 ,,	- -	7	9	0	,,
5 ,,	- -	7	8	6	,,
10 ,,	- -	7	8	0	,,
20 ,,	- -	7	7	6	,,
50 ,,	- -	7	7	0	,,
100 ,,	- -	7	6	6	,,

CASH WITH ORDER. CARRIAGE PAID.

Saccharin Powder

(550 Strength).

In original containers of 1 lb., 10 lb. & 25 lb.

Spot or to arrive. Prices upon application.

WALTON, Chemist, Batley

YORKS.

SACCHARINE TABLETS

¼ grain in one.

10,000 at **16/4** per **1,000**
25,000 at **16/2** per **1,000**
100,000 at **16/1** per **1,000**
or over.

Immediate Delivery Guaranteed. Postage & Packing 1/- extra

THE B. & A. TRADING CO.

6 St. George's Terrace, Regent's Park, London, N.W. 3.

DISPENSING BOTTLES & PHIALS.

CLEAR BLUE TINTED, plain or graduated.
3 and 4 ounce. 6 and 8 ounce.
12 ounce.
WHITE PHIALS, plain or teaspoons.
½ ounce. 1½ ounce.
1 ,, 2 ,,
BLUE LOTION BOTTLES, all sizes.

Lowest Market Prices Charged.

CORKS. Superior Quality. No advance in price.
6 and 8 ounce ... ... **1s.** per gross, in 6 gross bags.
Vials ... ... **10d.** per gross, in 3 gross bags.

Delivered free within 7 miles, and to certain stations. Particulars on application.

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106 Midland Road, St. Pancras, London, N.W. 1,
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Orders sent to either establishment have attention.
Established 100 Years.
Bankers: London County and Westminster Bank, Bloomsbury Branch.

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LILLY

Uncoated, Disintegrating

Easy to Take

Cause No Nausea

Permit the Oral Administration of Massive Doses of Ipecac

Each tablet contains the alkaloids of ten grains of Ipecac, U. S. P., combined with a form of hydrated aluminum silicate. The tablet disintegrates readily, but the compound passes through the acid juices of the stomach unchanged and liberates the Ipecac alkaloids in the alkaline secretions of the intestines; thus the nausea and vomiting are avoided.

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TRADE MARK.

EASTERN FOAM.

For the past four months we have been obliged to decline orders for EASTERN FOAM on account of shortage of material: a condition of affairs which has caused keen disappointment to the public and the trade, as well as to ourselves. Needless to say, no effort on our part has been spared to remedy the position, and we now have much pleasure in advising you that we are able to supply limited quantities of this popular speciality.

The cost of production, however, is now greatly in excess of what it was, so that we are compelled, for the first time since we introduced it, to advance the prices of EASTERN FOAM, which, from August 1, are as follows:—

Minimum Retail (P.A.T.A.) **1/4**

Minimum Wholesale ,, **11/-** per doz., net.

We have no doubt that the new scale will be acceptable to the Pharmacist, to whom it allows a still larger margin than before, and we feel sure that the increased retail price will have no detrimental effect on the sales to the public.

In order to ensure stock to all our customers, we are obliged at present to make 3 dozen per shop the maximum quantity to be supplied at one time.

During the continuance of the present scarcity, EASTERN FOAM cannot be supplied to new customers—only to those already on our books.

22-30, Graham Street, City Road, London, N.1.

Printed for the Proprietors by Spottiswoode, Ballantyne & Co., Ltd., New-street Square, E.C. 4; and Published by the Proprietors at 42 Cannon Street, in the City of London.—*August* 10, 1918.